

Veronika Novakova

List of Publications by Year in descending order

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293460

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Water-soluble sulfonated phosphorus(v) corrolazines and porphyrazines: the effect of macrocycle contraction and pyrazine ring fusion on spectral, acid–base and photophysical properties. Dalton Transactions, 2022, 51, 1364-1377. | 1.6 | 1 |
| 2 | Phosphorus(ν) tetrapyrazinocorrolazines bearing axial aryloxy groups as pH-sensitive fluorophores and photosensitizers. Dalton Transactions, 2022, 51, 5687-5698. | 1.6 | 4 |
| 3 | Magnesium Phthalocyanines and Tetrapyrazinoporphyrazines: The Influence of a Solvent and a Delivery System on a Dissociation of Central Metal in Acidic Media. Pharmaceuticals, 2022, 15, 409. | 1.7 | 1 |
| 4 | Comparison of Quenching Efficiencies in Long Triple-Labeled and Double-Labeled TaqMan Oligodeoxynucleotide Probes. Bioconjugate Chemistry, 2022, 33, 788-794. | 1.8 | 3 |
| 5 | Peripherally Crowded Cationic Phthalocyanines as Efficient Photosensitizers for Photodynamic Therapy. ACS Medicinal Chemistry Letters, 2021, 12, 502-507. | 1.3 | 21 |
| 6 | Tuning Photodynamic Properties of BODIPY Dyes, Porphyrins's Little Sisters. Molecules, 2021, 26, 4194. | 1.7 | 7 |
| 7 | Non-peripherally alkylamino-substituted phthalocyanines: Synthesis, spectral, photophysical and acid-base properties. , 2021, , 603-612. | | 0 |
| 8 | Subphthalocyanines as Efficient Photosensitizers with Nanomolar Photodynamic Activity against Cancer Cells. Journal of Medicinal Chemistry, 2021, 64, 17436-17447. | 2.9 | 13 |
| 9 | Self-assembly of azaphthalocyanine–oligodeoxynucleotide conjugates into J-dimers: towards biomolecular logic gates. Organic Chemistry Frontiers, 2020, 7, 445-456. | 2.3 | 5 |
| 10 | pH-Sensitive subphthalocyanines and subazaphthalocyanines. Dalton Transactions, 2020, 49, 11090-11098. | 1.6 | 11 |
| 11 | Cationic Versus Anionic Phthalocyanines for Photodynamic Therapy: What a Difference the Charge Makes. Journal of Medicinal Chemistry, 2020, 63, 7616-7632. | 2.9 | 27 |
| 12 | Synthesis and J–Dimer Formation of Tetrapyrazinoporphyrazines with Different Functional Groups for Potential Biomolecular Probe Applications. ChemPlusChem, 2020, 85, 527-537. | 1.3 | 2 |
| 13 | Red-Emitting Fluorescence Sensors for Metal Cations: The Role of Counteranions and Sensing of SCN [–] in Biological Materials. ACS Sensors, 2019, 4, 1552-1559. | 4.0 | 22 |
| 14 | Magnesium tetrapyrazinoporphyrazines: tuning of the pK_a of red-fluorescent pH indicators. Dalton Transactions, 2019, 48, 6162-6173. | 1.6 | 7 |
| 15 | Non-peripherally alkylamino-substituted phthalocyanines: Synthesis, spectral, photophysical and acid-base properties. Journal of Porphyrins and Phthalocyanines, 2019, 23, 427-436. | 0.4 | 4 |
| 16 | Effect of bovine serum albumin on the photodynamic activity of sulfonated tetrapyrazinoporphyrazine. Dyes and Pigments, 2019, 162, 358-366. | 2.0 | 10 |
| 17 | Efficient Synthesis of a Wide-Range Absorbing Azaphthalocyanine Dark Quencher and Its Application to Dual-Labeled Oligonucleotide Probes for Quantitative Real-Time Polymerase Chain Reactions. Chemistry - A European Journal, 2018, 24, 9658-9666. | 1.7 | 12 |
| 18 | Tetrapyrazinoporphyrazines and their metal derivatives. Part II: Electronic structure, electrochemical, spectral, photophysical and other application related properties. Coordination Chemistry Reviews, 2018, 361, 1-73. | 9.5 | 66 |

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|----|---|-----|-----------|
| 19 | Transalkylation of alkyl aryl sulfides with alkylating agents. <i>Tetrahedron</i> , 2018, 74, 594-599. | 1.0 | 9 |
| 20 | Photodynamic properties of aza-analogues of phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1749-1766. | 1.6 | 16 |
| 21 | New red-emitting Schiff base chelates: promising dyes for sensing and imaging of temperature and oxygen via phosphorescence decay time. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8999-9009. | 2.7 | 35 |
| 22 | An experimental and computational study on isomerically pure, soluble azaphthalocyanines and their complexes and boron azasubphthalocyanines of a varying number of aza units. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6586-6599. | 1.5 | 13 |
| 23 | Perfluorinated porphyrazines. 3. Synthesis, spectral-luminescence and electrochemical properties of perfluorinated octaphenylporphyrazinatozinc(II). <i>Journal of Fluorine Chemistry</i> , 2018, 214, 86-93. | 0.9 | 15 |
| 24 | Phthalocyanine-triphenylamine dyads: Synthesis, electrochemical, spectral and DFT study. <i>Dyes and Pigments</i> , 2017, 141, 448-456. | 2.0 | 5 |
| 25 | Phthalocyanines and Tetrapyrizinoporphyrazines with Two Cationic Donuts: High Photodynamic Activity as a Result of Rigid Spatial Arrangement of Peripheral Substituents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6060-6076. | 2.9 | 47 |
| 26 | Tetra(pyrazino[2,3- <i>b</i>]pyrazino)porphyrazines: Synthesis, absorption, photophysical and electrochemical properties of strongly electron-deficient macrocycles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 302-310. | 0.4 | 4 |
| 27 | OFF-ON-OFF Red-Emitting Fluorescent Indicators for a Narrow pH Window. <i>Chemistry - A European Journal</i> , 2017, 23, 1727-1727. | 1.7 | 1 |
| 28 | Red-emitting CO ₂ sensors with tunable dynamic range based on pH-sensitive azaphthalocyanine indicators. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 1100-1107. | 4.0 | 23 |
| 29 | OFF-ON-OFF Red-Emitting Fluorescent Indicators for a Narrow pH Window. <i>Chemistry - A European Journal</i> , 2017, 23, 1795-1804. | 1.7 | 17 |
| 30 | Bulky 2,6-diphenylphenylsulfanyl substituents efficiently inhibit aggregation in phthalocyanines and tetrapyrizinoporphyrazines and control their photophysical and electrochemical properties. <i>Dyes and Pigments</i> , 2017, 136, 715-723. | 2.0 | 21 |
| 31 | Metal-Cation Recognition in Water by a Tetrapyrizinoporphyrazine-Based Tweezer Receptor. <i>Chemistry - A European Journal</i> , 2016, 22, 2417-2426. | 1.7 | 22 |
| 32 | Predominant effect of connecting atom and position of substituents on azomethine nitrogens basicity in phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1122-1133. | 0.4 | 9 |
| 33 | Tetra(3,4-pyrido)porphyrazines Caught in the Cationic Cage: Toward Nanomolar Active Photosensitizers. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9443-9456. | 2.9 | 31 |
| 34 | Large-Scale Synthesis of Piperazine-2,6-dione and Its Use in the Synthesis of Dexrazoxane Analogues. <i>Synthesis</i> , 2016, 48, 4580-4588. | 1.2 | 3 |
| 35 | Anionic hexadeca-carboxylate tetrapyrizinoporphyrazine: synthesis and in vitro photodynamic studies of a water-soluble, non-aggregating photosensitizer. <i>RSC Advances</i> , 2016, 6, 10064-10077. | 1.7 | 17 |
| 36 | Tetrapyrizinoporphyrazines and their metal derivatives. Part I: Synthesis and basic structural information. <i>Coordination Chemistry Reviews</i> , 2016, 309, 107-179. | 9.5 | 82 |

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|----|--|-----|-----------|
| 37 | Phenol-Substituted Tetrapyrazinoporphyrazines: pH-Dependent Fluorescence in Basic Media. Chemistry - A European Journal, 2015, 21, 14382-14392. | 1.7 | 23 |
| 38 | Synthesis and Photophysical, Electrochemical and Theoretical Study of Thiazole-Annulated Phthalocyanines. European Journal of Organic Chemistry, 2015, 2015, 7053-7068. | 1.2 | 5 |
| 39 | The role of the size of aza-crown recognition moiety in azaphthalocyanine fluorescence sensors for alkali and alkaline earth metal cations. Dyes and Pigments, 2015, 121, 178-187. | 2.0 | 31 |
| 40 | Far-Red-Absorbing Cationic Phthalocyanine Photosensitizers: Synthesis and Evaluation of the Photodynamic Anticancer Activity and the Mode of Cell Death Induction. Journal of Medicinal Chemistry, 2015, 58, 1736-1749. | 2.9 | 95 |
| 41 | Peripheral substitution as a tool for tuning electron-accepting properties of phthalocyanine analogs in intramolecular charge transfer. Dalton Transactions, 2015, 44, 6961-6971. | 1.6 | 25 |
| 42 | Photophysical and theoretical studies of peripherally halogenated octaphenoxypthalocyanines. RSC Advances, 2015, 5, 58854-58864. | 1.7 | 14 |
| 43 | Systematic investigation of phthalocyanines, naphthalocyanines, and their aza-analogues. Effect of the isosteric aza-replacement in the core. Dalton Transactions, 2015, 44, 13220-13233. | 1.6 | 36 |
| 44 | Heteroatom-substituted tetra(3,4-pyrido)porphyrazines: a stride toward near-infrared-absorbing macrocycles. Organic and Biomolecular Chemistry, 2015, 13, 5608-5612. | 1.5 | 15 |
| 45 | The effect of substituents at alkylsulfanyl/arylsulfanyl non-peripherally substituted phthalocyanines: Spectral and photophysical properties, basicity and photostability. Journal of Porphyrins and Phthalocyanines, 2015, 19, 1095-1106. | 0.4 | 10 |
| 46 | 1,2,5-Chalcogenadiazole-Annulated Tripyrazinoporphyrazines: Synthesis, Spectral Characteristics, and Influence of the Heavy Atom Effect on Their Photophysical Properties. European Journal of Organic Chemistry, 2015, 2015, 596-604. | 1.2 | 25 |
| 47 | Structural factors influencing the intramolecular charge transfer and photoinduced electron transfer in tetrapyrazinoporphyrazines. Physical Chemistry Chemical Physics, 2014, 16, 5440. | 1.3 | 26 |
| 48 | Role of Steric Hindrance in the Newman-Kwart Rearrangement and in the Synthesis and Photophysical Properties of Arylsulfanyl Tetrapyrazinoporphyrazines. Journal of Organic Chemistry, 2014, 79, 2082-2093. | 1.7 | 37 |
| 49 | Water-soluble non-aggregating zinc phthalocyanine and in vitro studies for photodynamic therapy. Chemical Communications, 2013, 49, 11149. | 2.2 | 133 |
| 50 | Photophysical properties of CdSe quantum dot self-assemblies with zinc phthalocyanines and azaphthalocyanines. Photochemical and Photobiological Sciences, 2013, 12, 743. | 1.6 | 10 |
| 51 | Azaphthalocyanines: Red Fluorescent Probes for Cations. Chemistry - A European Journal, 2013, 19, 5025-5028. | 1.7 | 24 |
| 52 | The effect of the number of carbohydrate moieties on the azaphthalocyanine properties. Dalton Transactions, 2012, 41, 10596. | 1.6 | 10 |
| 53 | Effect of intramolecular charge transfer on fluorescence and singlet oxygen production of phthalocyanine analogues. Dalton Transactions, 2012, 41, 11651. | 1.6 | 23 |
| 54 | Azaphthalocyanines with fused triazolo rings: formation of sterically stressed constitutional isomers. Chemical Communications, 2012, 48, 4326. | 2.2 | 19 |

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|----|--|-----|-----------|
| 55 | Heavy metal effects on physicochemical properties of non-aggregated azaphthalocyanine derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 817-825. | 0.4 | 25 |
| 56 | Magnesium Azaphthalocyanines: An Emerging Family of Excellent Red-Emitting Fluorophores. <i>Inorganic Chemistry</i> , 2012, 51, 4215-4223. | 1.9 | 85 |
| 57 | New highly soluble phenoxy-substituted phthalocyanine and azaphthalocyanine derivatives: Synthesis, photochemical and photophysical studies and atypical aggregation behavior. <i>Dyes and Pigments</i> , 2012, 95, 351-357. | 2.0 | 40 |
| 58 | Synthesis of Unsymmetrical Alkyloxy/Aryloxyazaphthalocyanines Based on a Transesterification Reaction. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5879-5886. | 1.2 | 11 |
| 59 | Red-Emitting Dyes with Photophysical and Photochemical Properties Controlled by pH. <i>Chemistry - A European Journal</i> , 2011, 17, 14273-14282. | 1.7 | 29 |
| 60 | Synthesis of mono-, di-, tri- and tetracarboxy azaphthalocyanines as potential dark quenchers. <i>Dyes and Pigments</i> , 2011, 91, 112-119. | 2.0 | 20 |
| 61 | Synthesis of new azaphthalocyanine dark quencher and evaluation of its quenching efficiency with different fluorophores. <i>Tetrahedron</i> , 2011, 67, 5956-5963. | 1.0 | 18 |
| 62 | Photodynamically active phthalocyanine building blocks for click chemistry. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 1062-1069. | 0.4 | 7 |
| 63 | Tetra[6,7]quinoxalinoporphyrazines: The Effect of an Additional Benzene Ring on Photophysical and Photochemical Properties. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 732-739. | 1.2 | 13 |
| 64 | A phthalocyanine-mestranol conjugate for photodynamic therapy prepared via click chemistry. <i>Tetrahedron Letters</i> , 2010, 51, 1016-1018. | 0.7 | 25 |
| 65 | The synthesis, photochemical and photophysical properties of zinc aryloxy- and alkyloxy azaphthalocyanines. <i>Dyes and Pigments</i> , 2010, 87, 173-179. | 2.0 | 13 |
| 66 | Synthesis, Properties and <i>In Vitro</i> Photodynamic Activity of Water-soluble Azaphthalocyanines and Azaphthalocyanines. <i>Photochemistry and Photobiology</i> , 2010, 86, 168-175. | 1.3 | 39 |
| 67 | Influence of protonation of peripheral substituents on photophysical and photochemical properties of tetrapyrzinoporphyrazines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 582-591. | 0.4 | 25 |
| 68 | Solid-Phase Synthesis of Azaphthalocyanine-Oligonucleotide Conjugates and Their Evaluation As New Dark Quenchers of Fluorescence. <i>Bioconjugate Chemistry</i> , 2010, 21, 1872-1879. | 1.8 | 32 |
| 69 | Ultrafast intramolecular charge transfer in tetrapyrzinoporphyrazines controls the quantum yields of fluorescence and singlet oxygen. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 2555. | 1.3 | 41 |
| 70 | Tetrapyrzinoporphyrazines with different number of peripheral pyridyl rings: Synthesis, photophysical and photochemical properties. <i>Dyes and Pigments</i> , 2009, 81, 35-39. | 2.0 | 13 |
| 71 | Zinc azaphthalocyanines with thiophen-2-yl, 5-methylthiophen-2-yl and pyridin-3-yl peripheral substituents: Additive substituent contributions to singlet oxygen production. <i>Dyes and Pigments</i> , 2009, 82, 276-285. | 2.0 | 19 |
| 72 | Effective Monofunctional Azaphthalocyanine Photosensitizers for Photodynamic Therapy. <i>Australian Journal of Chemistry</i> , 2009, 62, 425. | 0.5 | 36 |

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|----|---|-----|-----------|
| 73 | Self-Assembled Azaphthalocyanine Dimers with Higher Fluorescence and Singlet Oxygen Quantum Yields than the Corresponding Monomers. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3260-3263. | 1.2 | 38 |
| 74 | Syntheses of octasubstituted zinc azaphthalocyanines with thiophene or thiophene combined with sulfanyl, amino or imido substituents: Influence of the substituents on photochemical and photophysical properties. <i>Polyhedron</i> , 2008, 27, 1368-1374. | 1.0 | 8 |
| 75 | The synthesis and characterization of metal-free, unsymmetrical azaphthalocyanines with hydroxy groups and their complex formation with pyridine. <i>Dyes and Pigments</i> , 2008, 78, 231-238. | 2.0 | 16 |
| 76 | Azaphthalocyanines Containing Pyrazine Rings with Focus on the Alkylheteroatom, Aryl and Heteroaryl Substitution and Properties Important in Photodynamic Therapy. <i>Macroheterocycles</i> , 2008, 1, 21-29. | 0.9 | 22 |