

Jarmila Kralova

List of Publications by Year in descending order

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68
papers

1,763
citations

218592

26
h-index

289141

40
g-index

73
all docs

73
docs citations

73
times ranked

2564
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Porphyrinâ”Cyclodextrin Conjugates as a Nanosystem for Versatile Drug Delivery and Multimodal Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 128-138. | 2.9 | 117 |
| 2 | Role of ER Stress Response in Photodynamic Therapy: ROS Generated in Different Subcellular Compartments Trigger Diverse Cell Death Pathways. <i>PLoS ONE</i> , 2012, 7, e32972. | 1.1 | 79 |
| 3 | Glycol Porphyrin Derivatives as Potent Photodynamic Inducers of Apoptosis in Tumor Cells. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5964-5973. | 2.9 | 64 |
| 4 | Molecular cloning and expression of the human and mouse homologues of the <i>Drosophila</i> dachshund gene. <i>Development Genes and Evolution</i> , 1999, 209, 537-545. | 0.4 | 62 |
| 5 | Synthesis and Biocalization of Water-Soluble Sapphyrins. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1073-1078. | 2.9 | 62 |
| 6 | p38 MAPK plays an essential role in apoptosis induced by photoactivation of a novel ethylene glycol porphyrin derivative. <i>Oncogene</i> , 2008, 27, 3010-3020. | 2.6 | 61 |
| 7 | Optical sensing of sulfate by polymethinium salt receptors: colorimetric sensor for heparin. <i>Chemical Communications</i> , 2008, , 1901. | 2.2 | 61 |
| 8 | Myb-interacting Protein, ATBF1, Represses Transcriptional Activity of Myb Oncoprotein. <i>Journal of Biological Chemistry</i> , 1999, 274, 14422-14428. | 1.6 | 60 |
| 9 | GATA-1 and c-myb crosstalk during red blood cell differentiation through GATA-1 binding sites in the c-myb promoter. <i>Oncogene</i> , 2003, 22, 1927-1935. | 2.6 | 59 |
| 10 | c-Jun involvement in vitamin E succinate induced apoptosis of reticuloendotheliosis virus transformed avian lymphoid cells. <i>Oncogene</i> , 1997, 15, 223-230. | 2.6 | 58 |
| 11 | Complex regulatory element within the Î³E- and Î³F-crystallin enhancers mediates Pax6 regulation and is required for induction by retinoic acid. <i>Gene</i> , 2002, 286, 271-282. | 1.0 | 52 |
| 12 | Modified porphyrinâ”brucine conjugated to gold nanoparticles and their application in photodynamic therapy. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3202. | 1.5 | 49 |
| 13 | Synthesis and biological activity evaluation of hydrazone derivatives based on a TrÃ”gerâ”™s base skeleton. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1651-1659. | 1.4 | 49 |
| 14 | Porphyrinâ”bile acid conjugates: from saccharide recognition in the solution to the selective cancer cell fluorescence detection. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1548. | 1.5 | 48 |
| 15 | Transcription factor c-Myb is involved in the regulation of the epithelial-mesenchymal transition in the avian neural crest. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 2516-2525. | 2.4 | 47 |
| 16 | Novel Porphyrin Conjugates with a Potent Photodynamic Antitumor Effect: Differential Efficacy of Mono- and Bis-Î²-cyclodextrin Derivatives In Vitro and In Vivo. <i>Photochemistry and Photobiology</i> , 2006, 82, 432. | 1.3 | 43 |
| 17 | Caffeineâ”hydrazones as anticancer agents with pronounced selectivity toward T-lymphoblastic leukaemia cells. <i>Bioorganic Chemistry</i> , 2015, 60, 19-29. | 2.0 | 42 |
| 18 | Expression of the H-Y Antigen on thymus cells and skin: Differential genetic control linked to K end of H-2. <i>Immunogenetics</i> , 1976, 3, 583-594. | 1.2 | 40 |

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|----|--|-----|-----------|
| 19 | AP-1 Factors Play an Important Role in Transformation Induced by the <i>v-rel</i> Oncogene. <i>Molecular and Cellular Biology</i> , 1998, 18, 2997-3009. | 1.1 | 35 |
| 20 | PSTPIP2, a Protein Associated with Autoinflammatory Disease, Interacts with Inhibitory Enzymes SHIP1 and Csk. <i>Journal of Immunology</i> , 2015, 195, 3416-3426. | 0.4 | 34 |
| 21 | Temoporfin-loaded 1-tetradecanol-based thermoresponsive solid lipid nanoparticles for photodynamic therapy. <i>Journal of Controlled Release</i> , 2016, 241, 34-44. | 4.8 | 33 |
| 22 | Identification of Potential Human Oncogenes by Mapping the Common Viral Integration Sites in Avian Nephroblastoma. <i>Cancer Research</i> , 2006, 66, 78-86. | 0.4 | 32 |
| 23 | The twist gene is a common target of retroviral integration and transcriptional deregulation in experimental nephroblastoma. <i>Oncogene</i> , 2003, 22, 665-673. | 2.6 | 29 |
| 24 | Novel Cationic Transport Agents for Oligonucleotide Delivery into Primary Leukemic Cells. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 2049-2056. | 2.9 | 29 |
| 25 | Coordination conjugates of therapeutic proteins with drug carriers: A new approach for versatile advanced drug delivery. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5514-5520. | 1.0 | 29 |
| 26 | Rational Design of Chemical Ligands for Selective Mitochondrial Targeting. <i>Bioconjugate Chemistry</i> , 2013, 24, 1445-1454. | 1.8 | 27 |
| 27 | H - Y ANTIGEN: GENETIC CONTROL OF THE EXPRESSION AS DETECTED BY HOST - VERSUS - GRAFT POPLITEAL LYMPH NODE ENLARGEMENT ASSAY MAPS BETWEEN THE T AND H - 2 COMPLEXES. <i>International Journal of Immunogenetics</i> , 1979, 6, 429-438. | 1.2 | 25 |
| 28 | Formation and temperature stability of Gâ€quadruplex structures studied by electronic and vibrational circular dichroism spectroscopy combined with ab initio calculations. <i>Biopolymers</i> , 2008, 89, 144-152. | 1.2 | 22 |
| 29 | Pentamethinium fluorescent probes: The impact of molecular structure on photophysical properties and subcellular localization. <i>Dyes and Pigments</i> , 2014, 107, 51-59. | 2.0 | 22 |
| 30 | Selective recognition of a saccharide-type tumor marker with natural and synthetic ligands: a new trend in cancer diagnosis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1865-1870. | 1.9 | 20 |
| 31 | Glycol porphyrin derivatives and temoporfin elicit resistance to photodynamic therapy by different mechanisms. <i>Scientific Reports</i> , 2017, 7, 44497. | 1.6 | 20 |
| 32 | Polyhydroxylated Sapphyrins: Multisite Non-metallic Catalysts for Activated Phosphodiester Hydrolysis. <i>Journal of the American Chemical Society</i> , 2006, 128, 432-437. | 6.6 | 19 |
| 33 | Characterization of Mammalian Orthologues of the <i>Drosophila</i> <i>osa</i> Gene: cDNA Cloning, Expression, Chromosomal Localization, and Direct Physical Interaction with Brahma Chromatin-Remodeling Complex. <i>Genomics</i> , 2001, 73, 140-148. | 1.3 | 18 |
| 34 | The leucine zipper region of Myb oncoprotein regulates the commitment of hematopoietic progenitors. <i>Blood</i> , 2001, 98, 3668-3676. | 0.6 | 18 |
| 35 | Temperature dependence of the permittivity of polymer composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001, 39, 831-834. | 2.4 | 18 |
| 36 | Silica-based nanoparticles are efficient delivery systems for temoporfin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 275-284. | 1.3 | 18 |

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|----|---|-----|-----------|
| 37 | New polyene macrolide family produced by submerged culture of <i>Streptomyces durmitorensis</i> . <i>Journal of Antibiotics</i> , 2011, 64, 717-722. | 1.0 | 17 |
| 38 | Impact of chicken thrombopoietin and its receptor c-Mpl on hematopoietic cell development. <i>Experimental Hematology</i> , 2008, 36, 495-505. | 0.2 | 16 |
| 39 | Combination of two chromophores: Synthesis and PDT application of porphyrin-pentamethinium conjugate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 82-84. | 1.0 | 16 |
| 40 | Epigenetic agents in combined anticancer therapy. <i>Future Medicinal Chemistry</i> , 2018, 10, 1113-1130. | 1.1 | 16 |
| 41 | The Transmembrane Adaptor Protein SCIMP Facilitates Sustained Dectin-1 Signaling in Dendritic Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 16530-16540. | 1.6 | 15 |
| 42 | A non-ionic water-soluble pentaphyrin derivative. Synthesis and cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 1995, 3, 573-578. | 1.4 | 13 |
| 43 | Differential Regulation of the Inhibitor of Apoptosis ch-IAP1 by v-rel and the Proto-Oncogene c-rel. <i>Journal of Virology</i> , 2002, 76, 11960-11970. | 1.5 | 11 |
| 44 | Circulating Tumour Cells (CTCs) in NSCLC: From Prognosis to Therapy Design. <i>Pharmaceutics</i> , 2021, 13, 1879. | 2.0 | 11 |
| 45 | Supramolecular approach for target transport of photodynamic anticancer agents. <i>Supramolecular Chemistry</i> , 2012, 24, 106-116. | 1.5 | 10 |
| 46 | Specific ligands based on Tröger's base derivatives for the recognition of glycosaminoglycans. <i>Dyes and Pigments</i> , 2016, 134, 212-218. | 2.0 | 10 |
| 47 | Chromophoric Binaphthyl Derivatives. <i>Organic Letters</i> , 2005, 7, 3661-3664. | 2.4 | 9 |
| 48 | Expression of Fluorescent Fusion Proteins in Murine Bone Marrow-derived Dendritic Cells and Macrophages. <i>Journal of Visualized Experiments</i> , 2018, , . | 0.2 | 9 |
| 49 | Cell transformation by v-Rel reveals distinct roles of AP-1 family members in Rel/NF- κ B oncogenesis. <i>Oncogene</i> , 2010, 29, 4925-4937. | 2.6 | 8 |
| 50 | Striking Antitumor Activity of a Methinium System with Incorporated Quinoxaline Unit Obtained by Spontaneous Cyclization. <i>ChemBioChem</i> , 2015, 16, 555-558. | 1.3 | 8 |
| 51 | Synthesis of unsymmetric cyanine dye via merocyanine and their interaction with DNA. <i>Collection of Czechoslovak Chemical Communications</i> , 2009, 74, 1081-1090. | 1.0 | 7 |
| 52 | New method for recognition of sterol signalling molecules: Methinium salts as receptors for sulphated steroids. <i>Steroids</i> , 2015, 94, 15-20. | 0.8 | 7 |
| 53 | A Cyclic Pentamethinium Salt Induces Cancer Cell Cytotoxicity through Mitochondrial Disintegration and Metabolic Collapse. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4208. | 1.8 | 7 |
| 54 | Pentamethinium salts as ligands for cancer: Sulfated polysaccharide co-receptors as possible therapeutic target. <i>Bioorganic Chemistry</i> , 2019, 82, 74-85. | 2.0 | 7 |

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|----|---|-----|-----------|
| 55 | An ex Vivo Model to Study v-Myb-Induced Leukemogenicity. <i>Blood Cells, Molecules, and Diseases</i> , 2001, 27, 437-445. | 0.6 | 6 |
| 56 | ERK and JNK activation is essential for oncogenic transformation by v-Rel. <i>Oncogene</i> , 2010, 29, 6267-6279. | 2.6 | 6 |
| 57 | Transmembrane adaptor protein WBP1L regulates CXCR4 signalling and murine haematopoiesis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1980-1992. | 1.6 | 6 |
| 58 | Dysregulated NADPH Oxidase Promotes Bone Damage in Murine Model of Autoinflammatory Osteomyelitis. <i>Journal of Immunology</i> , 2020, 204, 1607-1620. | 0.4 | 6 |
| 59 | Coumarin Tröger's base derivatives with cyanine substitution as selective and sensitive fluorescent lysosomal probes. <i>Bioorganic Chemistry</i> , 2020, 94, 103447. | 2.0 | 5 |
| 60 | The receptor-type protein tyrosine phosphatase CD45 promotes onset and severity of IL-1 β -mediated autoinflammatory osteomyelitis. <i>Journal of Biological Chemistry</i> , 2021, 297, 101131. | 1.6 | 5 |
| 61 | A cloned H-2 class I gene from a t w32-derived recombinant t haplotype identified as functional tH-2KtH-2KtH-2K q gene. <i>Immunogenetics</i> , 1988, 28, 283-285. | 1.2 | 4 |
| 62 | Methinium colorimetric sensors for the determination of cholesterol sulfate in an aqueous medium. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 1032-1038. | 4.0 | 4 |
| 63 | Design, Synthesis, Selective Recognition Properties and Targeted Drug Delivery Application. <i>Handbook of Porphyrin Science</i> , 2014, , 1-75. | 0.3 | 3 |
| 64 | Porphyrins with directly meso-attached disaccharide moieties: Synthesis, self-assembly and cellular study. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 773-784. | 0.4 | 3 |
| 65 | Optical probes and sensors as perspective tools in epigenetics. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2295-2306. | 1.4 | 3 |
| 66 | THE ROLE OF H-2 REGION INCOMPATIBILITIES IN GRAFT-VERSUS-HOST REACTIONS RAISED BY THYMUS CELLS. <i>International Journal of Immunogenetics</i> , 1975, 2, 285-289. | 1.2 | 2 |
| 67 | Potential applications of tandem shock waves in cancers therapy. , 2007, , . | | 2 |
| 68 | Dimethinium Heteroaromatic Salts as Building Blocks for Dual-Fluorescence Intracellular Probes. <i>ChemPhotoChem</i> , 2017, 1, 442-450. | 1.5 | 2 |