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	The receptor-type protein tyrosine phosphatase CD45 promotes onset and severity of IL-1Î²â€“mediated autoinflammatory osteomyelitis. Journal of Biological Chemistry, 2021, 297, 101131.	1.6	5
2	Circulating Tumour Cells (CTCs) in NSCLC: From Prognosis to Therapy Design. Pharmaceutics, 2021, 13, 1879.	2.0	11
3	Transmembrane adaptor protein WBP1L regulates CXCR4 signalling and murine haematopoiesis. Journal of Cellular and Molecular Medicine, 2020, 24, 1980-1992.	1.6	6
4	Coumarin TrÃ¶gerâ€™s base derivatives with cyanine substitution as selective and sensitive fluorescent lysosomal probes. Bioorganic Chemistry, 2020, 94, 103447.	2.0	5
5	Dysregulated NADPH Oxidase Promotes Bone Damage in Murine Model of Autoinflammatory Osteomyelitis. Journal of Immunology, 2020, 204, 1607-1620.	0.4	6
6	A Cyclic Pentamethinium Salt Induces Cancer Cell Cytotoxicity through Mitochondrial Disintegration and Metabolic Collapse. International Journal of Molecular Sciences, 2019, 20, 4208.	1.8	7
7	Pentamethinium salts as ligands for cancer: Sulfated polysaccharide co-receptors as possible therapeutic target. Bioorganic Chemistry, 2019, 82, 74-85.	2.0	7
8	Epigenetic agents in combined anticancer therapy. Future Medicinal Chemistry, 2018, 10, 1113-1130.	1.1	16
9	Silica-based nanoparticles are efficient delivery systems for temoporfin. Photodiagnosis and Photodynamic Therapy, 2018, 21, 275-284.	1.3	18
10	Expression of Fluorescent Fusion Proteins in Murine Bone Marrow-derived Dendritic Cells and Macrophages. Journal of Visualized Experiments, 2018, , .	0.2	9
11	Optical probes and sensors as perspective tools in epigenetics. Bioorganic and Medicinal Chemistry, 2017, 25, 2295-2306.	1.4	3
12	Methinium colorimetric sensors for the determination of cholesterol sulfate in an aqueous medium. Sensors and Actuators B: Chemical, 2017, 245, 1032-1038.	4.0	4
13	Glycol porphyrin derivatives and temoporfin elicit resistance to photodynamic therapy by different mechanisms. Scientific Reports, 2017, 7, 44497.	1.6	20
14	Dimethinium Heteroaromatic Salts as Building Blocks for Dualâ€Fluorescence Intracellular Probes. ChemPhotoChem, 2017, 1, 442-450.	1.5	2
15	The Transmembrane Adaptor Protein SCIMP Facilitates Sustained Dectin-1 Signaling in Dendritic Cells. Journal of Biological Chemistry, 2016, 291, 16530-16540.	1.6	15
16	Temoporfin-loaded 1-tetradecanol-based thermoresponsive solid lipid nanoparticles for photodynamic therapy. Journal of Controlled Release, 2016, 241, 34-44.	4.8	33
17	Specific ligands based on TrÃ¶gerâ€™s base derivatives for the recognition of glycosaminoglycans. Dyes and Pigments, 2016, 134, 212-218.	2.0	10
18	Porphyrins with directly meso-attached disaccharide moieties: Synthesis, self-assembly and cellular study. Journal of Porphyrins and Phthalocyanines, 2016, 20, 773-784.	0.4	3

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19	Striking Antitumor Activity of a Methinium System with Incorporated Quinoxaline Unit Obtained by Spontaneous Cyclization. ChemBioChem, 2015, 16, 555-558.	1.3	8
20	New method for recognition of sterol signalling molecules: Methinium salts as receptors for sulphated steroids. Steroids, 2015, 94, 15-20.	0.8	7
21	Synthesis and biological activity evaluation of hydrazone derivatives based on a TrÃ¶gerâ€™s base skeleton. Bioorganic and Medicinal Chemistry, 2015, 23, 1651-1659.	1.4	49
22	Caffeineâ€“hydrazones as anticancer agents with pronounced selectivity toward T-lymphoblastic leukaemia cells. Bioorganic Chemistry, 2015, 60, 19-29.	2.0	42
23	PSTPIP2, a Protein Associated with Autoinflammatory Disease, Interacts with Inhibitory Enzymes SHIP1 and Csk. Journal of Immunology, 2015, 195, 3416-3426.	0.4	34
24	Design, Synthesis, Selective Recognition Properties and Targeted Drug Delivery Application. Handbook of Porphyrin Science, 2014, , 1-75.	0.3	3
25	Pentamethinium fluorescent probes: The impact of molecular structure on photophysical properties and subcellular localization. Dyes and Pigments, 2014, 107, 51-59.	2.0	22
26	Rational Design of Chemical Ligands for Selective Mitochondrial Targeting. Bioconjugate Chemistry, 2013, 24, 1445-1454.	1.8	27
27	Supramolecular approach for target transport of photodynamic anticancer agents. Supramolecular Chemistry, 2012, 24, 106-116.	1.5	10
28	Combination of two chromophores: Synthesis and PDT application of porphyrinâ€“pentamethinium conjugate. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 82-84.	1.0	16
29	Role of ER Stress Response in Photodynamic Therapy: ROS Generated in Different Subcellular Compartments Trigger Diverse Cell Death Pathways. PLoS ONE, 2012, 7, e32972.	1.1	79
30	New polyene macrolide family produced by submerged culture of Streptomyces durmitorensis. Journal of Antibiotics, 2011, 64, 717-722.	1.0	17
31	Coordination conjugates of therapeutic proteins with drug carriers: A new approach for versatile advanced drug delivery. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5514-5520.	1.0	29
32	Selective recognition of a saccharide-type tumor marker with natural and synthetic ligands: a new trend in cancer diagnosis. Analytical and Bioanalytical Chemistry, 2010, 398, 1865-1870.	1.9	20
33	Cell transformation by v-Rel reveals distinct roles of AP-1 family members in Rel/NF-ÎºB oncogenesis. Oncogene, 2010, 29, 4925-4937.	2.6	8
34	ERK and JNK activation is essential for oncogenic transformation by v-Rel. Oncogene, 2010, 29, 6267-6279.	2.6	6
35	Modified porphyrinâ€“brucine conjugated to gold nanoparticles and their application in photodynamic therapy. Organic and Biomolecular Chemistry, 2010, 8, 3202.	1.5	49
36	Porphyrinâ€“Cyclodextrin Conjugates as a Nanosystem for Versatile Drug Delivery and Multimodal Cancer Therapy. Journal of Medicinal Chemistry, 2010, 53, 128-138.	2.9	117

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37	Synthesis of unsymmetric cyanine dye via merocyanine and their interaction with DNA. Collection of Czechoslovak Chemical Communications, 2009, 74, 1081-1090.	1.0	7
38	Formation and temperature stability of Gâ€quadruplex structures studied by electronic and vibrational circular dichroism spectroscopy combined with ab initio calculations. Biopolymers, 2008, 89, 144-152.	1.2	22
39	p38 MAPK plays an essential role in apoptosis induced by photoactivation of a novel ethylene glycol porphyrin derivative. Oncogene, 2008, 27, 3010-3020.	2.6	61
40	Impact of chicken thrombopoietin and its receptor c-Mpl on hematopoietic cell development. Experimental Hematology, 2008, 36, 495-505.	0.2	16
41	Glycol Porphyrin Derivatives as Potent Photodynamic Inducers of Apoptosis in Tumor Cells. Journal of Medicinal Chemistry, 2008, 51, 5964-5973.	2.9	64
42	Porphyrinâ€“bile acid conjugates: from saccharide recognition in the solution to the selective cancer cell fluorescence detection. Organic and Biomolecular Chemistry, 2008, 6, 1548.	1.5	48
43	Optical sensing of sulfate by polymethinium salt receptors: colorimetric sensor for heparin. Chemical Communications, 2008, , 1901.	2.2	61
44	Potential applications of tandem shock waves in cancers therapy. , 2007, , .		2
45	Polyhydroxylated Sapphyrins:Â Multisite Non-metallic Catalysts for Activated Phosphodiester Hydrolysis. Journal of the American Chemical Society, 2006, 128, 432-437.	6.6	19
46	Novel Porphyrin Conjugates with a Potent Photodynamic Antitumor Effect: Differential Efficacy of Mono- and Bis-Î²-cyclodextrin Derivatives In Vitro and In Vivo. Photochemistry and Photobiology, 2006, 82, 432.	1.3	43
47	Identification of Potential Human Oncogenes by Mapping the Common Viral Integration Sites in Avian Nephroblastoma. Cancer Research, 2006, 66, 78-86.	0.4	32
48	Transcription factor c-Myb is involved in the regulation of the epithelial-mesenchymal transition in the avian neural crest. Cellular and Molecular Life Sciences, 2005, 62, 2516-2525.	2.4	47
49	Chromophoric Binaphthyl Derivatives. Organic Letters, 2005, 7, 3661-3664.	2.4	9
50	The twist gene is a common target of retroviral integration and transcriptional deregulation in experimental nephroblastoma. Oncogene, 2003, 22, 665-673.	2.6	29
51	GATA-1 and c-myb crosstalk during red blood cell differentiation through GATA-1 binding sites in the c-myb promoter. Oncogene, 2003, 22, 1927-1935.	2.6	59
52	Novel Cationic Transport Agents for Oligonucleotide Delivery into Primary Leukemic Cells. Journal of Medicinal Chemistry, 2003, 46, 2049-2056.	2.9	29
53	Differential Regulation of the Inhibitor of Apoptosis ch-IAP1 by v-rel and the Proto-Oncogene c-rel. Journal of Virology, 2002, 76, 11960-11970.	1.5	11
54	Synthesis and Biolocalization of Water-Soluble Sapphyrins. Journal of Medicinal Chemistry, 2002, 45, 1073-1078.	2.9	62

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55	Complex regulatory element within the Î³E- and Î³F-crystallin enhancers mediates Pax6 regulation and is required for induction by retinoic acid. Gene, 2002, 286, 271-282.	1.0	52
56	An ex Vivo Model to Study v-Myb-Induced Leukemogenicity. Blood Cells, Molecules, and Diseases, 2001, 27, 437-445.	0.6	6
57	Characterization of Mammalian Orthologues of the Drosophila osa Gene: cDNA Cloning, Expression, Chromosomal Localization, and Direct Physical Interaction with Brahma Chromatin-Remodeling Complex. Genomics, 2001, 73, 140-148.	1.3	18
58	The leucine zipper region of Myb oncoprotein regulates the commitment of hematopoietic progenitors. Blood, 2001, 98, 3668-3676.	0.6	18
59	Temperature dependence of the permittivity of polymer composites. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 831-834.	2.4	18
60	Myb-interacting Protein, ATBF1, Represses Transcriptional Activity of Myb Oncoprotein. Journal of Biological Chemistry, 1999, 274, 14422-14428.	1.6	60
61	Molecular cloning and expression of the human and mouse homologues of the Drosophila dachshund gene. Development Genes and Evolution, 1999, 209, 537-545.	0.4	62
62	AP-1 Factors Play an Important Role in Transformation Induced by the v-rel Oncogene. Molecular and Cellular Biology, 1998, 18, 2997-3009.	1.1	35
63	c-Jun involvement in vitamin E succinate induced apoptosis of reticuloendotheliosis virus transformed avian lymphoid cells. Oncogene, 1997, 15, 223-230.	2.6	58
64	A non-ionic water-soluble pentaphyrin derivative. Synthesis and cytotoxicity. Bioorganic and Medicinal Chemistry, 1995, 3, 573-578.	1.4	13
65	A cloned H-2 class I gene from a t w32-derived recombinant t haplotype identified as functional tH-2KtH-2KtH-2K q gene. Immunogenetics, 1988, 28, 283-285.	1.2	4
66	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. International Journal of Immunogenetics, 1979, 6, 429-438.	1.2	25
67	Expression of the H-Y Antigen on thymus cells and skin: Differential genetic control linked toK end ofH-2. Immunogenetics, 1976, 3, 583-594.	1.2	40
68	THE ROLE OF H-2 REGION INCOMPATIBILITIES IN GRAFT-VERSUS-HOST REACTIONS RAISED BY THYMUS CELLS. International Journal of Immunogenetics, 1975, 2, 285-289.	1.2	2