

Jin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

10,684
citations

94381

37
h-index

31818

101
g-index

121
all docs

121
docs citations

121
times ranked

18299
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Fluorescent Probes and Mass Spectrometry-Based Methods to Quantify Thiols in Biological Systems. Antioxidants and Redox Signaling, 2022, 36, 354-365. | 2.5 | 3 |
| 2 | Metabolism of a Selective Serotonin and Norepinephrine Reuptake Inhibitor Duloxetine in Liver Microsomes and Mice. Drug Metabolism and Disposition, 2022, 50, 128-139. | 1.7 | 6 |
| 3 | Protection of Quiescence and Longevity of IgG Memory B Cells by Mitochondrial Autophagy. Journal of Immunology, 2022, 208, 1085-1098. | 0.4 | 8 |
| 4 | Clearance of HIV-1 or SIV reservoirs by promotion of apoptosis and inhibition of autophagy: Targeting intracellular molecules in cure-directed strategies. Journal of Leukocyte Biology, 2022, 112, 1245-1259. | 1.5 | 7 |
| 5 | Regulation of Mitochondrial Homeostasis and Metabolic Programming in Memory B cells by Mitophagy. , 2022, 1, 165-169. | | 0 |
| 6 | Complement factor D as a predictor of Achilles tendon healing and long-term patient outcomes. FASEB Journal, 2022, 36, . | 0.2 | 7 |
| 7 | Calcium Channel Blockers in Acute Care: The Links and Missing Links Between Hemodynamic Effects and Outcome Evidence. American Journal of Cardiovascular Drugs, 2021, 21, 35-49. | 1.0 | 5 |
| 8 | MAL2 drives immune evasion in breast cancer by suppressing tumor antigen presentation. Journal of Clinical Investigation, 2021, 131, . | 3.9 | 63 |
| 9 | Crucial Role of Mammalian Glutaredoxin 3 in Cardiac Energy Metabolism in Diet-induced Obese Mice Revealed by Transcriptome Analysis. International Journal of Biological Sciences, 2021, 17, 2871-2883. | 2.6 | 3 |
| 10 | CD36 and LC3B initiated autophagy in B cells regulates the humoral immune response. Autophagy, 2021, 17, 3577-3591. | 4.3 | 28 |
| 11 | An Arabidopsis Oxalyl-CoA Decarboxylase, AtOXC, Is Important for Oxalate Catabolism in Plants. International Journal of Molecular Sciences, 2021, 22, 3266. | 1.8 | 8 |
| 12 | Identification and functional study of novel oligonucleotides: CpG Seq 13 and CpG Seq 19. Immunotherapy, 2021, 13, 571-585. | 1.0 | 0 |
| 13 | Dependence on Autophagy for Autoreactive Memory B Cells in the Development of Pristane-Induced Lupus. Frontiers in Immunology, 2021, 12, 701066. | 2.2 | 7 |
| 14 | A recombinant bovine adenoviral mucosal vaccine expressing mycobacterial antigen-85B generates robust protection against tuberculosis in mice. Cell Reports Medicine, 2021, 2, 100372. | 3.3 | 16 |
| 15 | Development of improved SRC-3 inhibitors as breast cancer therapeutic agents. Endocrine-Related Cancer, 2021, 28, 657-670. | 1.6 | 7 |
| 16 | Irreversible epidermal growth factor receptor inhibitor Z25h exhibits pronounced inhibition on non-small cell lung adenocarcinoma cell line Hcc827. Anti-Cancer Drugs, 2021, 32, 417-426. | 0.7 | 0 |
| 17 | Unique Diacidic Fragments Inhibit the OXA-48 Carbapenemase and Enhance the Killing of <i>Escherichia coli</i> Producing OXA-48. ACS Infectious Diseases, 2021, 7, 3345-3354. | 1.8 | 3 |
| 18 | Targeted silencing of genes related to acute monocytic leukaemia by CpG(B)-MLAA-34 siRNA conjugates. Journal of Drug Targeting, 2020, 28, 516-524. | 2.1 | 2 |

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|----|---|-----|-----------|
| 19 | W941, a new PI3K inhibitor, exhibits preferable anti-proliferative activities against nonsmall cell lung cancer with autophagy inhibitors. <i>Investigational New Drugs</i> , 2020, 38, 1218-1226. | 1.2 | 3 |
| 20 | Slight Deuterium Enrichment in Water Acts as an Antioxidant: Is Deuterium a Cell Growth Regulator?. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1790-1804. | 2.5 | 11 |
| 21 | Chronic real-time particulate matter exposure causes rat pulmonary arteriole hyperresponsiveness and remodeling: The role of ETBR-ERK1/2 signaling. <i>Toxicology and Applied Pharmacology</i> , 2020, 403, 115154. | 1.3 | 3 |
| 22 | Metabolic profiling of norepinephrine reuptake inhibitor atomoxetine. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 153, 105488. | 1.9 | 16 |
| 23 | Clearance of HIV infection by selective elimination of host cells capable of producing HIV. <i>Nature Communications</i> , 2020, 11, 4051. | 5.8 | 16 |
| 24 | Protein quality control through endoplasmic reticulum-associated degradation maintains haematopoietic stem cell identity and niche interactions. <i>Nature Cell Biology</i> , 2020, 22, 1162-1169. | 4.6 | 32 |
| 25 | Enhancing intracellular accumulation and target engagement of PROTACs with reversible covalent chemistry. <i>Nature Communications</i> , 2020, 11, 4268. | 5.8 | 112 |
| 26 | Glutathione Quantification in Live Cells with Real-Time Imaging and Flow Cytometry. <i>STAR Protocols</i> , 2020, 1, 100170. | 0.5 | 3 |
| 27 | Maintenance of Germinal Center B Cells by Caspase-9 through Promotion of Apoptosis and Inhibition of Necroptosis. <i>Journal of Immunology</i> , 2020, 205, 113-120. | 0.4 | 7 |
| 28 | Transcriptional profiling and therapeutic targeting of oxidative stress in neuroinflammation. <i>Nature Immunology</i> , 2020, 21, 513-524. | 7.0 | 118 |
| 29 | Metabolic Reprogramming in CD8+ T Cells During Acute Viral Infections. <i>Frontiers in Immunology</i> , 2020, 11, 1013. | 2.2 | 27 |
| 30 | Novel PI3K/Akt/mTOR signaling inhibitor, W922, prevents colorectal cancer growth via the regulation of autophagy. <i>International Journal of Oncology</i> , 2020, 58, 70-82. | 1.4 | 20 |
| 31 | An autophagy-inducing and TLR-2 activating BCG vaccine induces a robust protection against tuberculosis in mice. <i>Npj Vaccines</i> , 2019, 4, 34. | 2.9 | 36 |
| 32 | NIX-Mediated Mitophagy Promotes Effector Memory Formation in Antigen-Specific CD8+ T Cells. <i>Cell Reports</i> , 2019, 29, 1862-1877.e7. | 2.9 | 26 |
| 33 | A Genome-wide Haploid Genetic Screen Identifies Regulators of Glutathione Abundance and Ferroptosis Sensitivity. <i>Cell Reports</i> , 2019, 26, 1544-1556.e8. | 2.9 | 146 |
| 34 | Alkylsulfonamide-containing quinazoline derivatives as potent and orally bioavailable PI3Ks inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 114930. | 1.4 | 11 |
| 35 | Cardiac-specific ablation of glutaredoxin 3 leads to cardiac hypertrophy and heart failure. <i>Physiological Reports</i> , 2019, 7, e14071. | 0.7 | 15 |
| 36 | Non-IgE-mediated hypersensitivity induced by multivitamins containing Tween-80. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019, 46, 664-675. | 0.9 | 2 |

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|----|--|-----|-----------|
| 37 | Evolving trends in pancreatic cancer therapeutic development. <i>Annals of Pancreatic Cancer</i> , 2019, 2, 17-17. | 1.2 | 1 |
| 38 | SRC-3 inhibition blocks tumor growth of pancreatic ductal adenocarcinoma. <i>Cancer Letters</i> , 2019, 442, 310-319. | 3.2 | 17 |
| 39 | Quantitative Real-Time Imaging of Glutathione with Subcellular Resolution. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1900-1910. | 2.5 | 26 |
| 40 | Role of c-Jun terminal kinase (JNK) activation in influenza A virus-induced autophagy and replication. <i>Virology</i> , 2019, 526, 1-12. | 1.1 | 37 |
| 41 | Reply to "Pitfalls in the quantitative imaging of glutathione in living cells". <i>Nature Communications</i> , 2018, 9, 1589. | 5.8 | 3 |
| 42 | Discovery of 2,4,6-trisubstituted pyrido[3,4-d]pyrimidine derivatives as new EGFR-TKIs. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 221-237. | 2.6 | 36 |
| 43 | Challenges and Opportunities for Small-Molecule Fluorescent Probes in Redox Biology Applications. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 518-540. | 2.5 | 56 |
| 44 | Synthesis and evaluation of 2,9-disubstituted 8-phenylthio/phenylsulfinyl-9H-purine as new EGFR inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2173-2185. | 1.4 | 26 |
| 45 | Regulation of B cell fate, survival, and function by mitochondria and autophagy. <i>Mitochondrion</i> , 2018, 41, 58-65. | 1.6 | 52 |
| 46 | Sulfur mustard resistant keratinocytes obtained elevated glutathione levels and other changes in the antioxidative defense mechanism. <i>Toxicology Letters</i> , 2018, 293, 51-61. | 0.4 | 8 |
| 47 | Infusion of leukocytes from HLA haplo-identical familial donors as an adjuvant in the HLH-2004 protocol to treat the virus-associated adult hemophagocytic lymphohistiocytosis: a retrospective study of 26 patients. <i>Annals of Hematology</i> , 2018, 97, 319-326. | 0.8 | 0 |
| 48 | Short term exposure to oxycodone alters the survival, proliferation and differentiation of rat embryonic neural stem cell in vitro. <i>Brain Research Bulletin</i> , 2018, 143, 66-72. | 1.4 | 5 |
| 49 | Heterozygous deletion of chromosome 17p renders prostate cancer vulnerable to inhibition of RNA polymerase II. <i>Nature Communications</i> , 2018, 9, 4394. | 5.8 | 27 |
| 50 | Synthesis and biological evaluation of irreversible EGFR tyrosine kinase inhibitors containing pyrido[3,4-d]pyrimidine scaffold. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3619-3633. | 1.4 | 14 |
| 51 | TNIP1 alleviates hepatic ischemia/reperfusion injury via the TLR2-Myd88 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 186-192. | 1.0 | 9 |
| 52 | Proteomic profiling identifies key coactivators utilized by mutant ER α proteins as potential new therapeutic targets. <i>Oncogene</i> , 2018, 37, 4581-4598. | 2.6 | 51 |
| 53 | Increased Immunogenicity Through Autophagy. , 2018, , 35-54. | | 4 |
| 54 | Efficacy and Adverse Reactions of Gemcitabine Combined with Cyclophosphamide, Vinblastine and Prednisone Hydrogenation Regimens in Relapse and/or Refractory Non-Hodgkin's Lymphoma. <i>Blood</i> , 2018, 132, 5393-5393. | 0.6 | 0 |

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|----|--|------|-----------|
| 55 | Microbial Genetic Composition Tunes Host Longevity. <i>Cell</i> , 2017, 169, 1249-1262.e13. | 13.5 | 256 |
| 56 | Targeting SRC Coactivators Blocks the Tumor-Initiating Capacity of Cancer Stem-like Cells. <i>Cancer Research</i> , 2017, 77, 4293-4304. | 0.4 | 36 |
| 57 | Loss of glutaredoxin 3 impedes mammary lobuloalveolar development during pregnancy and lactation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E136-E149. | 1.8 | 9 |
| 58 | TRIM29 promotes DNA virus infections by inhibiting innate immune response. <i>Nature Communications</i> , 2017, 8, 945. | 5.8 | 150 |
| 59 | The role and mechanism of glutamic NMDA receptor in the mechanical hyperalgesia in diabetic rats. <i>Neurological Research</i> , 2017, 39, 1006-1013. | 0.6 | 11 |
| 60 | Reversible Reaction-Based Fluorescent Probe for Real-Time Imaging of Glutathione Dynamics in Mitochondria. <i>ACS Sensors</i> , 2017, 2, 1257-1261. | 4.0 | 103 |
| 61 | Ablation of Transcription Factor IRF4 Promotes Transplant Acceptance by Driving Allogenic CD4+ T Cell Dysfunction. <i>Immunity</i> , 2017, 47, 1114-1128.e6. | 6.6 | 76 |
| 62 | Quantitative real-time imaging of glutathione. <i>Nature Communications</i> , 2017, 8, 16087. | 5.8 | 192 |
| 63 | Supramolecular Peptide Nanofibers Engage Mechanisms of Autophagy in Antigen-Presenting Cells. <i>ACS Omega</i> , 2017, 2, 9136-9143. | 1.6 | 17 |
| 64 | Dose-enhanced combined priming regimens for refractory acute myeloid leukemia and middle-and-high-risk myelodysplastic syndrome: a single-center, retrospective cohort study. <i>OncoTargets and Therapy</i> , 2016, 9, 3661. | 1.0 | 4 |
| 65 | Comparison of porcine anti-human lymphocyte globulin and rabbit anti-human thymocyte globulin in the treatment of severe aplastic anemia: a retrospective single-center study. <i>European Journal of Haematology</i> , 2016, 96, 260-268. | 1.1 | 19 |
| 66 | Morphological characteristics of cartilage-bone transitional structures in the human knee joint and CAD design of an osteochondral scaffold. <i>BioMedical Engineering OnLine</i> , 2016, 15, 82. | 1.3 | 22 |
| 67 | Characterizing novel metabolic pathways of melatonin receptor agonist agomelatine using metabolomic approaches. <i>Biochemical Pharmacology</i> , 2016, 109, 70-82. | 2.0 | 32 |
| 68 | Development of potent small-molecule inhibitors to drug the undruggable steroid receptor coactivator-3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4970-4975. | 3.3 | 74 |
| 69 | Autophagy in Host Defense Against Viruses. , 2016, , 185-199. | | 0 |
| 70 | Challenges and strategies for the eradication of the HIV reservoir. <i>Current Opinion in Immunology</i> , 2016, 42, 65-70. | 2.4 | 54 |
| 71 | Genetically anchored fluorescent probes for subcellular specific imaging of hydrogen sulfide. <i>Analyst</i> , The, 2016, 141, 1209-1213. | 1.7 | 20 |
| 72 | Targeted Gene Delivery to Macrophages by Biodegradable Star-Shaped Polymers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3719-3724. | 4.0 | 22 |

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|----|---|------|-----------|
| 73 | High-Intensity Chemotherapy is Associated with Better Prognosis in Young Patients with High-Risk Diffuse Large B-Cell Lymphoma: A 10-Year Single-Center Retrospective Cohort Study. <i>Medical Science Monitor</i> , 2016, 22, 1792-1800. | 0.5 | 1 |
| 74 | Extended Course and Increased Dose of Initial Chemotherapy for Extranodal Nasal Type Natural Killer/T (NK/T)-Cell Lymphoma in Patients <60 Years Old: A Single-Center Retrospective Cohort Study. <i>Medical Science Monitor</i> , 2016, 22, 4297-4311. | 0.5 | 2 |
| 75 | NCOA1 promotes angiogenesis in breast tumors by simultaneously enhancing both HIF1 α - and AP-1-mediated VEGF α transcription. <i>Oncotarget</i> , 2015, 6, 23890-23904. | 0.8 | 26 |
| 76 | Steroid Receptor Coactivator-3 (SRC-3/AIB1) as a Novel Therapeutic Target in Triple Negative Breast Cancer and Its Inhibition with a Phospho-Bufalin Prodrug. <i>PLoS ONE</i> , 2015, 10, e0140011. | 1.1 | 31 |
| 77 | Requirement for Autophagy in the Long-Term Persistence but not Initial Formation of Memory B cells. <i>Journal of Immunology</i> , 2015, 194, 2607-2615. | 0.4 | 55 |
| 78 | Metabolomics reveals the formation of aldehydes and iminium in gefitinib metabolism. <i>Biochemical Pharmacology</i> , 2015, 97, 111-121. | 2.0 | 47 |
| 79 | Theoretical and Experimental Investigation of Thermodynamics and Kinetics of Thiol-Michael Addition Reactions: A Case Study of Reversible Fluorescent Probes for Glutathione Imaging in Single Cells. <i>Organic Letters</i> , 2015, 17, 5978-5981. | 2.4 | 67 |
| 80 | Quantitative Imaging of Glutathione in Live Cells Using a Reversible Reaction-Based Ratiometric Fluorescent Probe. <i>ACS Chemical Biology</i> , 2015, 10, 864-874. | 1.6 | 164 |
| 81 | Role of Nix in the Maturation of Erythroid Cells through Mitochondrial Autophagy. , 2014, , 127-137. | | 1 |
| 82 | Bufalin Is a Potent Small-Molecule Inhibitor of the Steroid Receptor Coactivators SRC-3 and SRC-1. <i>Cancer Research</i> , 2014, 74, 1506-1517. | 0.4 | 145 |
| 83 | Vascular Risk Factors Aggravate the Progression of Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2014, 29, 521-525. | 0.9 | 10 |
| 84 | Essential role for autophagy in the maintenance of immunological memory against influenza infection. <i>Nature Medicine</i> , 2014, 20, 503-510. | 15.2 | 173 |
| 85 | Cleavage of Anti-Apoptotic Bcl-2 Family Members after TCR Stimulation Contributes to the Decision between T Cell Activation and Apoptosis. <i>Journal of Immunology</i> , 2013, 190, 168-173. | 0.4 | 17 |
| 86 | Analyses of Programmed Cell Death in Dendritic Cells. <i>Methods in Molecular Biology</i> , 2013, 979, 51-63. | 0.4 | 0 |
| 87 | Decreased Autophagy in Rat Heart Induced by Anti- β 1-Adrenergic Receptor Autoantibodies Contributes to the Decline in Mitochondrial Membrane Potential. <i>PLoS ONE</i> , 2013, 8, e81296. | 1.1 | 28 |
| 88 | Critical role for perforin and Fas-dependent killing of dendritic cells in the control of inflammation. <i>Blood</i> , 2012, 119, 127-136. | 0.6 | 50 |
| 89 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 4.3 | 3,122 |
| 90 | Promotion of Caspase Activation by Caspase-9-mediated Feedback Amplification of Mitochondrial Damage. <i>Journal of Clinical & Cellular Immunology</i> , 2012, 03, . | 1.5 | 24 |

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|-----|--|------|-----------|
| 91 | Regulation of Immune Responses by Spontaneous and T cell-mediated Dendritic Cell Death. Journal of Clinical & Cellular Immunology, 2012, 01, . | 1.5 | 5 |
| 92 | Immune Regulation through Mitochondrion-Dependent Dendritic Cell Death Induced by T Regulatory Cells. Journal of Immunology, 2011, 187, 5684-5692. | 0.4 | 12 |
| 93 | Programmed cell death of dendritic cells in immune regulation. Immunological Reviews, 2010, 236, 11-27. | 2.8 | 54 |
| 94 | Hierarchical Structure of Articular Bone-Cartilage Interface and Its Potential Application for Osteochondral Tissue Engineering. , 2010, , . | | 2 |
| 95 | Delineation of the caspase-9 signaling cascade. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 177-186. | 2.2 | 61 |
| 96 | Essential role for Nix in autophagic maturation of erythroid cells. Nature, 2008, 454, 232-235. | 13.7 | 1,008 |
| 97 | Selective mitochondrial autophagy during erythroid maturation. Autophagy, 2008, 4, 926-928. | 4.3 | 46 |
| 98 | Caspase-9-induced Mitochondrial Disruption through Cleavage of Anti-apoptotic BCL-2 Family Members. Journal of Biological Chemistry, 2007, 282, 33888-33895. | 1.6 | 92 |
| 99 | Deficiency of Bim in dendritic cells contributes to overactivation of lymphocytes and autoimmunity. Blood, 2007, 109, 4360-4367. | 0.6 | 96 |
| 100 | Regulation of the lifespan in dendritic cell subsets. Molecular Immunology, 2007, 44, 2558-2565. | 1.0 | 72 |
| 101 | Essential Role of Pro-Apoptotic Mechanisms for Production of Normal Erythrocytes and Prevention of Hemolysis.. Blood, 2007, 110, 426-426. | 0.6 | 3 |
| 102 | Dendritic Cell Apoptosis in the Maintenance of Immune Tolerance. Science, 2006, 311, 1160-1164. | 6.0 | 293 |
| 103 | Two Waves of Mitochondrion Disruption in Apoptosis: Implications for the Design of Anti-Cancer Drugs.. Blood, 2006, 108, 3896-3896. | 0.6 | 0 |
| 104 | Autoimmunity Caused by Cell Type-Specific Deficiency in Apoptosis.. Blood, 2005, 106, 3913-3913. | 0.6 | 0 |
| 105 | Activation of Initiator Caspases through a Stable Dimeric Intermediate. Journal of Biological Chemistry, 2002, 277, 50761-50767. | 1.6 | 59 |
| 106 | Pleiotropic defects in lymphocyte activation caused by caspase-8 mutations lead to human immunodeficiency. Nature, 2002, 419, 395-399. | 13.7 | 648 |
| 107 | Inhibition of Fas-mediated apoptosis by the B cell antigen receptor through c-FLIP. European Journal of Immunology, 2000, 30, 155-163. | 1.6 | 123 |
| 108 | Inhibition of Fas-mediated apoptosis by the B cell antigen receptor through c-FLIP. European Journal of Immunology, 2000, 30, 155-163. | 1.6 | 2 |

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|-----|--|------|-----------|
| 109 | MATURE T LYMPHOCYTE APOPTOSIS—Immune Regulation in a Dynamic and Unpredictable Antigenic Environment. Annual Review of Immunology, 1999, 17, 221-253. | 9.5 | 881 |
| 110 | Inherited Human Caspase 10 Mutations Underlie Defective Lymphocyte and Dendritic Cell Apoptosis in Autoimmune Lymphoproliferative Syndrome Type II. Cell, 1999, 98, 47-58. | 13.5 | 598 |
| 111 | Molecular Genetic Studies in Lymphocyte Apoptosis and Human Autoimmunity. Novartis Foundation Symposium, 1998, 215, 73-91. | 1.2 | 5 |
| 112 | Essential Lymphocyte Function Associated 1 (LFA-1): Intercellular Adhesion Molecule Interactions for T Cell-mediated B Cell Apoptosis by Fas/APO-1/CD95. Journal of Experimental Medicine, 1997, 186, 1171-1176. | 4.2 | 47 |
| 113 | Clinical, Immunologic, and Genetic Features of an Autoimmune Lymphoproliferative Syndrome Associated With Abnormal Lymphocyte Apoptosis. Blood, 1997, 89, 1341-1348. | 0.6 | 358 |