

Eleni K Douni

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,103
citations

279487

23
h-index

264894

42
g-index

45
all docs

45
docs citations

45
times ranked

3918
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The transmembrane form of tumor necrosis factor is the prime activating ligand of the 80 kDa tumor necrosis factor receptor. <i>Cell</i> , 1995, 83, 793-802. | 13.5 | 1,225 |
| 2 | On the role of tumor necrosis factor and receptors in models of multiorgan failure, rheumatoid arthritis, multiple sclerosis and inflammatory bowel disease. <i>Immunological Reviews</i> , 1999, 169, 175-194. | 2.8 | 244 |
| 3 | RANKL inhibition improves muscle strength and insulin sensitivity and restores bone mass. <i>Journal of Clinical Investigation</i> , 2019, 129, 3214-3223. | 3.9 | 182 |
| 4 | In vivo evidence for a functional role of both tumor necrosis factor (TNF) receptors and transmembrane TNF in experimental hepatitis. <i>European Journal of Immunology</i> , 1997, 27, 2870-2875. | 1.6 | 177 |
| 5 | A Critical Role of the p75 Tumor Necrosis Factor Receptor (p75TNF-R) in Organ Inflammation Independent of α TNF, Lymphotoxin β , or the p55TNF-R. <i>Journal of Experimental Medicine</i> , 1998, 188, 1343-1352. | 4.2 | 121 |
| 6 | Transmembrane TNF protects mutant mice against intracellular bacterial infections, chronic inflammation and autoimmunity. <i>European Journal of Immunology</i> , 2006, 36, 2768-2780. | 1.6 | 116 |
| 7 | Exclusive tumor necrosis factor (TNF) signaling by the p75TNF receptor triggers inflammatory ischemia in the CNS of transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 709-714. | 3.3 | 94 |
| 8 | Tumor necrosis factor-receptor 2 is up-regulated on lamina propria T cells in Crohn's disease and promotes experimental colitis in vivo. <i>European Journal of Immunology</i> , 2002, 32, 3142-3151. | 1.6 | 75 |
| 9 | Novel Genetic Models of Osteoporosis by Overexpression of Human RANKL in Transgenic Mice. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1158-1169. | 3.1 | 61 |
| 10 | Attenuation of inflammatory polyarthritis in TNF transgenic mice by diacerein: comparative analysis with dexamethasone, methotrexate and anti-TNF protocols. <i>Arthritis Research</i> , 2004, 6, R65. | 2.0 | 56 |
| 11 | A RANKL G278R mutation causing osteopetrosis identifies a functional amino acid essential for trimer assembly in RANKL and TNF. <i>Human Molecular Genetics</i> , 2012, 21, 784-798. | 1.4 | 55 |
| 12 | Reporting Guidelines, Review of Methodological Standards, and Challenges Toward Harmonization in Bone Marrow Adiposity Research. Report of the Methodologies Working Group of the International Bone Marrow Adiposity Society. <i>Frontiers in Endocrinology</i> , 2020, 11, 65. | 1.5 | 53 |
| 13 | Tumour necrosis factors in immune regulation: Everything that's interesting is $\hat{\alpha}$ New!. <i>Cytokine and Growth Factor Reviews</i> , 1996, 7, 223-229. | 3.2 | 50 |
| 14 | Cheminformatics-aided discovery of small-molecule Protein-Protein Interaction (PPI) dual inhibitors of Tumor Necrosis Factor (TNF) and Receptor Activator of NF- κ B Ligand (RANKL). <i>PLoS Computational Biology</i> , 2017, 13, e1005372. | 1.5 | 49 |
| 15 | A Splicing Mutation in the Novel Mitochondrial Protein DNAJC11 Causes Motor Neuron Pathology Associated with Cristae Disorganization, and Lymphoid Abnormalities in Mice. <i>PLoS ONE</i> , 2014, 9, e104237. | 1.1 | 42 |
| 16 | Dissection of the pathologies induced by transmembrane and wild-type tumor necrosis factor in transgenic mice. <i>Journal of Leukocyte Biology</i> , 1996, 59, 518-525. | 1.5 | 41 |
| 17 | The Role of TNF/TNFR in Organ-Specific and Systemic Autoimmunity: Implications for the Design of Optimized 'Anti-TNF' β Therapies. , 2001, 5, 30-50. | | 35 |
| 18 | Effect of phospholipase A2 inhibitory peptide on inflammatory arthritis in a TNF transgenic mouse model: a time-course ultrastructural study. <i>Arthritis Research</i> , 2004, 6, R282. | 2.0 | 35 |

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|----|---|-----|-----------|
| 19 | Novel insights into SLC25A46-related pathologies in a genetic mouse model. <i>PLoS Genetics</i> , 2017, 13, e1006656. | 1.5 | 35 |
| 20 | New Insights for RANKL as a Proinflammatory Modulator in Modeled Inflammatory Arthritis. <i>Frontiers in Immunology</i> , 2019, 10, 97. | 2.2 | 34 |
| 21 | FELASA guidelines for the refinement of methods for genotyping genetically-modified rodents. <i>Laboratory Animals</i> , 2013, 47, 134-145. | 0.5 | 32 |
| 22 | A statistical approach for optimization of RANKL overexpression in <i>Escherichia coli</i> : Purification and characterization of the protein. <i>Protein Expression and Purification</i> , 2013, 90, 9-19. | 0.6 | 30 |
| 23 | Solvent Selection for Insoluble Ligands, a Challenge for Biological Assay Development: A TNF- α /SPD304 Study. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 137-141. | 1.3 | 28 |
| 24 | Rationally Designed Less Toxic SPD304 Analogs and Preliminary Evaluation of Their TNF Inhibitory Effects. <i>Archiv Der Pharmazie</i> , 2014, 347, 798-805. | 2.1 | 26 |
| 25 | The unbearable lightness of bone marrow homeostasis. <i>Cytokine and Growth Factor Reviews</i> , 2015, 26, 347-359. | 3.2 | 26 |
| 26 | Simultaneous inhibition of JAK and SYK kinases ameliorates chronic and destructive arthritis in mice. <i>Arthritis Research and Therapy</i> , 2015, 17, 356. | 1.6 | 21 |
| 27 | 2,2- α^2 -Dihydroxybenzophenones and their carbonyl N-analogues as inhibitor scaffolds for MDR-involved human glutathione transferase isoenzyme A1-1. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3957-3970. | 1.4 | 20 |
| 28 | In Silico Discovery of Plant-Origin Natural Product Inhibitors of Tumor Necrosis Factor (TNF) and Receptor Activator of NF- κ B Ligand (RANKL). <i>Frontiers in Pharmacology</i> , 2018, 9, 800. | 1.6 | 17 |
| 29 | Suppressive effect of secretory phospholipase A2 inhibitory peptide on interleukin-1 β -induced matrix metalloproteinase production in rheumatoid synovial fibroblasts, and its antiarthritic activity in hTNF α mice. <i>Arthritis Research and Therapy</i> , 2009, 11, R138. | 1.6 | 16 |
| 30 | Current Status and Future Prospects of Small-molecule Protein-protein Interaction (PPI) Inhibitors of Tumor Necrosis Factor (TNF) and Receptor Activator of NF- κ B Ligand (RANKL). <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 661-673. | 1.0 | 13 |
| 31 | Synthesis and biological evaluation of potential small molecule inhibitors of tumor necrosis factor. <i>MedChemComm</i> , 2015, 6, 1196-1209. | 3.5 | 12 |
| 32 | Perspective of the GEMSTONE Consortium on Current and Future Approaches to Functional Validation for Skeletal Genetic Disease Using Cellular, Molecular and Animal-Modeling Techniques. <i>Frontiers in Endocrinology</i> , 2021, 12, 731217. | 1.5 | 12 |
| 33 | Irisin: good or bad for the bone? A new path forward after the reported discovery of irisin receptor?. <i>Metabolism: Clinical and Experimental</i> , 2019, 93, 100-102. | 1.5 | 11 |
| 34 | Dexamethasone Administration in Mice Leads to Less Body Weight Gain over Time, Lower Serum Glucose, and Higher Insulin Levels Independently of NRF2. <i>Antioxidants</i> , 2022, 11, 4. | 2.2 | 9 |
| 35 | Designer Xanthone: An Inhibitor Scaffold for MDR-Involved Human Glutathione Transferase Isoenzyme A1-1. <i>Journal of Biomolecular Screening</i> , 2013, 18, 1092-1102. | 2.6 | 8 |
| 36 | RANKL-Induced Increase in Cathepsin K Levels Restricts Cortical Expansion in a Periostin-Dependent Fashion: A Potential New Mechanism of Bone Fragility. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1636-1645. | 3.1 | 8 |

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|----|--|-----|-----------|
| 37 | Genetic Engineering in the Mouse: Tuning TNF/TNFR Expression. , 2004, 98, 137-170. | | 7 |
| 38 | Transgenic Mice Carrying GLUD2 as a Tool for Studying the Expressional and the Functional Adaptation of this Positive Selected Gene in Human Brain Evolution. Neurochemical Research, 2019, 44, 154-169. | 1.6 | 7 |
| 39 | Mapping Interactome Networks of DNAJC11, a Novel Mitochondrial Protein Causing Neuromuscular Pathology in Mice. Journal of Proteome Research, 2019, 18, 3896-3912. | 1.8 | 6 |
| 40 | Discovery of Small-Molecule Inhibitors of Receptor Activator of Nuclear Factor- κ B Ligand with a Superior Therapeutic Index. Journal of Medicinal Chemistry, 2020, 63, 12043-12059. | 2.9 | 6 |
| 41 | Proteomic Identification of the SLC25A46 Interactome in Transgenic Mice Expressing SLC25A46-FLAG. Journal of Proteome Research, 2022, 21, 375-394. | 1.8 | 4 |
| 42 | The effect of foaming process with supercritical CO_2 on the morphology and properties of 3D porous polylactic acid scaffolds. Polymer Engineering and Science, 2022, 62, 2459-2475. | 1.5 | 2 |
| 43 | Molecular Interaction of BMAT with Bone. Current Molecular Biology Reports, 2018, 4, 34-40. | 0.8 | 1 |
| 44 | Functional Genetic and Genomic Analysis of Modeled Arthritis. Advances in Experimental Medicine and Biology, 2007, 602, 33-42. | 0.8 | 1 |
| 45 | The Role of Tumour Necrosis Factor in Lymphoid Tissue Formation and Function. , 1997, , 11-17. | | 0 |