

Matteo Stravalaci

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,308
citations

279798

23
h-index

265206

42
g-index

50
all docs

50
docs citations

50
times ranked

3983
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential expression and regulation of MS4A family members in myeloid cells in physiological and pathological conditions. <i>Journal of Leukocyte Biology</i> , 2022, 111, 817-836.	3.3	23
2	Where Are We with RPE Replacement Therapy? A Translational Review from the Ophthalmologist Perspective. <i>International Journal of Molecular Sciences</i> , 2022, 23, 682.	4.1	9
3	Recognition and inhibition of SARS-CoV-2 by humoral innate immunity pattern recognition molecules. <i>Nature Immunology</i> , 2022, 23, 275-286.	14.5	95
4	Reply to: Hultström et al., Genetic determinants of mannose-binding lectin activity predispose to thromboembolic complications in critical COVID-19. Mannose-binding lectin genetics in COVID-19. <i>Nature Immunology</i> , 2022, 23, 865-867.	14.5	4
5	The Long Pentraxin PTX3 Controls <i>Klebsiella Pneumoniae</i> Severe Infection. <i>Frontiers in Immunology</i> , 2021, 12, 666198.	4.8	8
6	The Long Pentraxin PTX3 as a New Biomarker and Pharmacological Target in Age-Related Macular Degeneration and Diabetic Retinopathy. <i>Frontiers in Pharmacology</i> , 2021, 12, 811344.	3.5	8
7	Control of Complement Activation by the Long Pentraxin PTX3: Implications in Age-Related Macular Degeneration. <i>Frontiers in Pharmacology</i> , 2020, 11, 591908.	3.5	11
8	The macrophage tetraspan MS4A4A enhances dectin-1-dependent NK cell-mediated resistance to metastasis. <i>Nature Immunology</i> , 2019, 20, 1012-1022.	14.5	75
9	The Long Pentraxin PTX3 as a Link Between Innate Immunity, Tissue Remodeling, and Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 712.	4.8	125
10	Interaction of C1q With Pentraxin 3 and IgM Revisited: Mutational Studies With Recombinant C1q Variants. <i>Frontiers in Immunology</i> , 2019, 10, 461.	4.8	32
11	TNF-Stimulated Gene-6 Is a Key Regulator in Switching Stemness and Biological Properties of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2019, 37, 973-987.	3.2	36
12	Pharmacological inhibition of mannose-binding lectin ameliorates neurobehavioral dysfunction following experimental traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 938-950.	4.3	35
13	Fingolimod Limits Acute A β Neurotoxicity and Promotes Synaptic Versus Extrasynaptic NMDA Receptor Functionality in Hippocampal Neurons. <i>Scientific Reports</i> , 2017, 7, 41734.	3.3	27
14	Humanin Specifically Interacts with Amyloid- β Oligomers and Counteracts Their in vivo Toxicity. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 857-871.	2.6	23
15	An antipsychotic drug exerts anti-prion effects by altering the localization of the cellular prion protein. <i>PLoS ONE</i> , 2017, 12, e0182589.	2.5	19
16	The Anti-Prion Antibody 15B3 Detects Toxic Amyloid- β Oligomers. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1485-1497.	2.6	12
17	A cationic tetrapyrrole inhibits toxic activities of the cellular prion protein. <i>Scientific Reports</i> , 2016, 6, 23180.	3.3	34
18	Scaffold Optimisation of Tetravalent Antagonists of the Mannose Binding Lectin. <i>Chemistry - A European Journal</i> , 2016, 22, 3686-3691.	3.3	7

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19	A New Surface Plasmon Resonance Assay for In Vitro Screening of Mannose-Binding Lectin Inhibitors. <i>Journal of Biomolecular Screening</i> , 2016, 21, 749-757.	2.6	9
20	The new $\hat{1}^2$ amyloid-derived peptide $\hat{1}^2$ 6A2V-TAT(D) prevents $\hat{1}^2$ oligomer formation and protects transgenic <i>C. elegans</i> from $\hat{1}^2$ toxicity. <i>Neurobiology of Disease</i> , 2016, 88, 75-84.	4.4	17
21	Clusterin Binds to $\hat{1}^2$ 42 Oligomers with High Affinity and Interferes with Peptide Aggregation by Inhibiting Primary and Secondary Nucleation. <i>Journal of Biological Chemistry</i> , 2016, 291, 6958-6966.	3.4	99
22	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. <i>Journal of Experimental Medicine</i> , 2015, 212, 905-925.	8.5	128
23	Exploring the role of MKK7 in excitotoxicity and cerebral ischemia: a novel pharmacological strategy against brain injury. <i>Cell Death and Disease</i> , 2015, 6, e1854-e1854.	6.3	29
24	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. <i>Journal of Cell Biology</i> , 2015, 209, 2094-2099.	5.2	0
25	A New Surface Plasmon Resonance-Based Immunoassay for Rapid, Reproducible and Sensitive Quantification of Pentraxin-3 in Human Plasma. <i>Sensors</i> , 2014, 14, 10864-10875.	3.8	16
26	Expression of A2V-mutated $\hat{1}^2$ in <i>Caenorhabditis elegans</i> results in oligomer formation and toxicity. <i>Neurobiology of Disease</i> , 2014, 62, 521-532.	4.4	30
27	P3-068: CLUSTERIN REDUCES THE FORMATION OF BIOLOGICAL RELEVANT TOXIC SOLUBLE ABETA1-42 OLIGOMERS. , 2014, 10, P651-P652.		0
28	New insights into the molecular mechanisms underlying sensitivity/resistance to the atypical retinoid ST1926 in acute myeloid leukaemia cells: The role of histone H2A.Z, cAMP-dependent protein kinase A and the proteasome. <i>European Journal of Cancer</i> , 2013, 49, 1491-1500.	2.8	14
29	Novel approaches for studying amyloidogenic peptides/proteins. <i>Current Opinion in Pharmacology</i> , 2013, 13, 797-801.	3.5	15
30	Epitope scanning indicates structural differences in brain-derived monomeric and aggregated mutant prion proteins related to genetic prion diseases. <i>Biochemical Journal</i> , 2013, 454, 417-425.	3.7	12
31	An N-terminal Fragment of the Prion Protein Binds to Amyloid- $\hat{1}^2$ Oligomers and Inhibits Their Neurotoxicity in Vivo. <i>Journal of Biological Chemistry</i> , 2013, 288, 7857-7866.	3.4	162
32	Applications of Surface Plasmon Resonance (SPR) for the Characterization of Nanoparticles Developed for Biomedical Purposes. <i>Sensors</i> , 2012, 12, 16420-16432.	3.8	59
33	Targeting Mannose-Binding Lectin Confers Long-Lasting Protection With a Surprisingly Wide Therapeutic Window in Cerebral Ischemia. <i>Circulation</i> , 2012, 126, 1484-1494.	1.6	119
34	Targeting MBL in cerebral ischemia induces long lasting protection with a wide therapeutic window. <i>Immunobiology</i> , 2012, 217, 1207.	1.9	0
35	Specific Recognition of Biologically Active Amyloid- $\hat{1}^2$ Oligomers by a New Surface Plasmon Resonance-based Immunoassay and an in Vivo Assay in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 27796-27805.	3.4	52
36	Good gene, bad gene: New APP variant may be both. <i>Progress in Neurobiology</i> , 2012, 99, 281-292.	5.7	31

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37	Mannose binding lectin as a target for cerebral ischemic injury. <i>Molecular Immunology</i> , 2011, 48, 1677.	2.2	2
38	Use of surface plasmon resonance to study the elongation kinetics and the binding properties of the highly amyloidogenic A β 1-42 peptide, synthesized by depsi-peptide technique. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2772-2775.	10.1	36
39	A modified protocol to prepare seed-free starting solutions of amyloid- β (A β)1-40 and A β 1-42 from the corresponding depsi-peptides. <i>Analytical Biochemistry</i> , 2011, 411, 297-299.	2.4	38
40	Alternative Pathway Activation of Complement by Shiga Toxin Promotes Exuberant C3a Formation That Triggers Microvascular Thrombosis. <i>Journal of Immunology</i> , 2011, 187, 172-180.	0.8	220
41	Functional analysis of a murine monoclonal antibody against the repetitive region of the fibronectin-binding adhesins fibronectin-binding protein A and fibronectin-binding protein B from <i>Staphylococcus aureus</i> . <i>FEBS Journal</i> , 2010, 277, 4490-4505.	4.7	7
42	Non-peptidic Thrombospondin-1 Mimics as Fibroblast Growth Factor-2 Inhibitors. <i>Journal of Biological Chemistry</i> , 2010, 285, 8733-8742.	3.4	70
43	Synthetic amyloid- β oligomers impair long-term memory independently of cellular prion protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2295-2300.	7.1	435
44	Recombinant C1 inhibitor in brain ischemic injury. <i>Annals of Neurology</i> , 2009, 66, 332-342.	5.3	107
45	Immunopurification of Pathological Prion Protein Aggregates. <i>PLoS ONE</i> , 2009, 4, e7816.	2.5	17