

# Murugesan Raju

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11090221/publications.pdf>

Version: 2024-02-01

17  
papers

16,840  
citations

840119

11  
h-index

940134

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

31778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monocarboxylate Transporter-2 Expression Restricts Tumor Growth in a Murine Model of Lung Cancer: A Multi-Omic Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10616.	1.8	4
2	Glia Maturation Factor Dependent Inhibition of Mitochondrial PGC-1 $\beta$ Triggers Oxidative Stress-Mediated Apoptosis in N27 Rat Dopaminergic Neuronal Cells. <i>Molecular Neurobiology</i> , 2018, 55, 7132-7152.	1.9	30
3	Cell-Penetrating Chaperone Peptide Prevents Protein Aggregation and Protects against Cell Apoptosis. <i>Advanced Biology</i> , 2018, 2, 1700095.	3.0	12
4	Global causes of blindness and distance vision impairment 1990–2020: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2017, 5, e1221-e1234.	2.9	2,053
5	Magnitude, temporal trends, and projections of the global prevalence of blindness and distance and near vision impairment: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2017, 5, e888-e897.	2.9	1,443
6	Lens Endogenous Peptide $\alpha$ A66-80 Generates Hydrogen Peroxide and Induces Cell Apoptosis. , 2017, 8, 57.		6
7	Alpha-crystallin-derived peptides as therapeutic chaperones. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 246-251.	1.1	33
8	Role of $\alpha$ -crystallin-derived $\alpha$ A66-80 peptide in guinea pig lens crystallin aggregation and insolubilization. <i>Experimental Eye Research</i> , 2015, 132, 151-160.	1.2	8
9	The critical role of the central hydrophobic core (residues 71–77) of amyloid-forming $\alpha$ A66-80 peptide in $\alpha$ -crystallin aggregation: a systematic proline replacement study. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> . 2014. 21, 103-109.	1.4	14
10	Addition of $\alpha$ -Crystallin Sequence 164–173 to a Mini-Chaperone DFVIFLDVKHFSPEDLT Alters the Conformation but Not the Chaperone-like Activity. <i>Biochemistry</i> , 2014, 53, 2615-2623.	1.2	13
11	Lens Crystallin Modifications and Cataract in Transgenic Mice Overexpressing Acylpeptide Hydrolase. <i>Journal of Biological Chemistry</i> , 2014, 289, 9039-9052.	1.6	10
12	The State of US Health, 1990-2010. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 591.	3.8	2,070
13	Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study 2010. <i>Lancet</i> , The, 2012, 380, 2095-2128.	6.3	11,038
14	$\alpha$ -Crystallin-Derived Mini-Chaperone Modulates Stability and Function of Cataract Causing $\alpha$ AG98R-Crystallin. <i>PLoS ONE</i> , 2012, 7, e44077.	1.1	22
15	Identification and characterization of a copper-binding site in $\alpha$ -crystallin. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1429-1436.	1.3	21
16	$\alpha$ -Crystallin Peptide 66SDRDKFVIFLDVKHF80 Accumulating in Aging Lens Impairs the Function of $\alpha$ -Crystallin and Induces Lens Protein Aggregation. <i>PLoS ONE</i> , 2011, 6, e19291.	1.1	54
17	Cataract-causing $\alpha$ AG98R-crystallin mutant dissociates into monomers having chaperone activity. <i>Molecular Vision</i> , 2011, 17, 7-15.	1.1	9