Murugesan Raju

List of Publications by Year
in descending order

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