

# Rashmi S Hegde

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8389814/publications.pdf>

Version: 2024-02-01

25  
papers

1,261  
citations

430874

18  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eyes absent represents a class of protein tyrosine phosphatases. <i>Nature</i> , 2003, 426, 295-298.	27.8	215
2	Modeling tumor cell adaptations to hypoxia in multicellular tumor spheroids. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 102.	8.6	140
3	The Eyes Absent proteins in development and disease. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1897-1913.	5.4	116
4	Mutations of Human NARS2, Encoding the Mitochondrial Asparaginyl-tRNA Synthetase, Cause Nonsyndromic Deafness and Leigh Syndrome. <i>PLoS Genetics</i> , 2015, 11, e1005097.	3.5	97
5	Neuropathy target esterase impairments cause Oliverâ€™McFarlane and Laurenceâ€™Moon syndromes. <i>Journal of Medical Genetics</i> , 2015, 52, 85-94.	3.2	91
6	Linking hypoxia, DNA damage and proliferation in multicellular tumor spheroids. <i>BMC Cancer</i> , 2017, 17, 338.	2.6	78
7	Structure of the Retinal Determination Protein Dachshund Reveals a DNA Binding Motif. <i>Structure</i> , 2002, 10, 787-795.	3.3	70
8	An opsin 5â€™dopamine pathway mediates light-dependent vascular development in the eye. <i>Nature Cell Biology</i> , 2019, 21, 420-429.	10.3	63
9	The EYA Tyrosine Phosphatase Activity Is Pro-Angiogenic and Is Inhibited by Benzbromarone. <i>PLoS ONE</i> , 2012, 7, e34806.	2.5	46
10	The Initiation of Meiotic Sex Chromosome Inactivation Sequesters DNA Damage Signaling from Autosomes in Mouse Spermatogenesis. <i>Current Biology</i> , 2020, 30, 408-420.e5.	3.9	44
11	Characterization of a Plant, Tyrosine-Specific Phosphatase of the Aspartyl Class. <i>Biochemistry</i> , 2005, 44, 751-758.	2.5	35
12	DNA-Binding and Regulation Mechanisms of the SIX Family of Retinal Determination Proteins. <i>Biochemistry</i> , 2008, 47, 3586-3594.	2.5	32
13	ETS transcription factors Etv2 and Fli1b are required for tumor angiogenesis. <i>Angiogenesis</i> , 2017, 20, 307-323.	7.2	31
14	Novel and recurrent CIB2 variants, associated with nonsyndromic deafness, do not affect calcium buffering and localization in hair cells. <i>European Journal of Human Genetics</i> , 2016, 24, 542-549.	2.8	28
15	Branchio-oto-renal syndrome associated mutations in Eyes Absent 1 result in loss of phosphatase activity. <i>FEBS Letters</i> , 2006, 580, 3853-3859.	2.8	25
16	Nanoparticle Delivery of STAT3 Alleviates Pulmonary Hypertension in a Mouse Model of Alveolar Capillary Dysplasia. <i>Circulation</i> , 2021, 144, 539-555.	1.6	25
17	Structure-Activity Relationships of Benzbromarone Metabolites and Derivatives as EYA Inhibitory Anti-Angiogenic Agents. <i>PLoS ONE</i> , 2013, 8, e84582.	2.5	25
18	The EYA3 tyrosine phosphatase activity promotes pulmonary vascular remodeling in pulmonary arterial hypertension. <i>Nature Communications</i> , 2019, 10, 4143.	12.8	24

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19	The Eyes Absent Proteins in Developmental and Pathological Angiogenesis. American Journal of Pathology, 2016, 186, 568-578.	3.8	17
20	The multi-functional eyes absent proteins. Critical Reviews in Biochemistry and Molecular Biology, 2020, 55, 372-385.	5.2	15
21	BAZ1B is dispensable for H2AX phosphorylation on Tyrosine 142 during spermatogenesis. Biology Open, 2015, 4, 873-884.	1.2	12
22	The Protein Tyrosine Phosphatase Activity of Eyes Absent Contributes to Tumor Angiogenesis and Tumor Growth. Molecular Cancer Therapeutics, 2018, 17, 1659-1669.	4.1	11
23	The Eyes Absent Proteins: Unusual HAD Family Tyrosine Phosphatases. International Journal of Molecular Sciences, 2021, 22, 3925.	4.1	11
24	Targeting EYA3 in Ewing Sarcoma Retards Tumor Growth and Angiogenesis. Molecular Cancer Therapeutics, 2021, 20, 803-815.	4.1	7
25	The Eyes Absent proteins in development and in developmental disorders. Biochemical Society Transactions, 2021, 49, 1397-1408.	3.4	3