

# R Dhanya

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

611  
citations

623734

14  
h-index

752698

20  
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31  
all docs

31  
docs citations

31  
times ranked

760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quercetin, a Lead Compound against Type 2 Diabetes Ameliorates Glucose Uptake via AMPK Pathway in Skeletal Muscle Cell Line. <i>Frontiers in Pharmacology</i> , 2017, 8, 336.	3.5	103
2	Quercetin for managing type 2 diabetes and its complications, an insight into multitarget therapy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112560.	5.6	58
3	Rutin and quercetin enhance glucose uptake in L6 myotubes under oxidative stress induced by tertiary butyl hydrogen peroxide. <i>Food Chemistry</i> , 2014, 158, 546-554.	8.2	53
4	A comparative evaluation of antioxidant and antidiabetic potential of peel from young and matured potato. <i>Food Bioscience</i> , 2015, 9, 36-46.	4.4	47
5	Morita's Baylis-Hillman Cyclizations of Arene Ruthenium-Functionalized Acrylamides. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2887-2890.	13.8	45
6	Lewis Acid Promoted Annulation of p-Quinoneimines by Allylsilanes: A Facile Entry into Benzofused Heterocycles. <i>Organic Letters</i> , 2002, 4, 953-955.	4.6	37
7	In vitro evaluation of antidiabetic potential of hesperidin and its aglycone hesperetin under oxidative stress in skeletal muscle cell line. <i>Cell Biochemistry and Function</i> , 2020, 38, 419-427.	2.9	32
8	Preconditioning L6 Muscle Cells with Naringin Ameliorates Oxidative Stress and Increases Glucose Uptake. <i>PLoS ONE</i> , 2015, 10, e0132429.	2.5	32
9	Lewis Acid-Promoted Annulation of o-Quinoneimines by Allylstannane: A Facile Synthesis of Quinoxaline Derivatives. <i>Organic Letters</i> , 2004, 6, 4743-4745.	4.6	30
10	Formal dipolar cycloaddition of allylsilanes to o-quinonoid compounds: a convenient route to benzofused and spirofused heterocycles. <i>Tetrahedron Letters</i> , 2002, 43, 5349-5351.	1.4	25
11	Recent Developments in the Chemistry of Quinoneimides. <i>Synlett</i> , 2005, 2005, 2407-2419.	1.8	25
12	Quantification of phenolics in <i>Syzygium cumini</i> seed and their modulatory role on tertiary butyl-hydrogen peroxide-induced oxidative stress in H9c2 cell lines and key enzymes in cardioprotection. <i>Journal of Food Science and Technology</i> , 2017, 54, 2115-2125.	2.8	25
13	Dipolar cycloaddition of carbonyl ylides to para-quinoneimides: a facile route to bicyclo[3.2.1] and [2.2.1] systems. <i>Tetrahedron Letters</i> , 2001, 42, 2045-2046.	1.4	19
14	1,3-Dipolar cycloaddition reactions of carbonyl ylides with 1,2-diones: synthesis of novel spiro oxabicycles. <i>Tetrahedron</i> , 2002, 58, 4171-4177.	1.9	17
15	Quercetin improves oxidative stress-induced pancreatic beta cell alterations via mTOR-signaling. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 3879-3887.	3.1	14
16	The three component reaction involving isocyanides, dimethyl acetylenedicarboxylate and quinoneimides: a facile synthesis of spirofused $\beta$ -iminolactams. <i>Tetrahedron</i> , 2005, 61, 5843-5848.	1.9	13
17	Synthesis of Polycyclic Cyclohexadienyl Ruthenium(II) Complexes from $\beta$ -6-Arene Precursors via Phosphine-Promoted Intramolecular Nucleophilic Aromatic Addition. <i>Organometallics</i> , 2009, 28, 3869-3875.	2.3	10
18	A comparative study to elucidate the biological activities of crude extracts from rice bran and wheat bran in cell line models. <i>Journal of Food Science and Technology</i> , 2020, 57, 3221-3231.	2.8	9

#	ARTICLE	IF	CITATIONS
19	Lewis Acid Promoted Annulation of o-Quinonediiimines by Allylstannane: A Facile Synthesis of Quinoxaline Derivatives.. ChemInform, 2005, 36, no.	0.0	0
20	The Three-Component Reaction Involving Isocyanides, Dimethyl Acetylenedicarboxylate and Quinoneimides: A Facile Synthesis of Spiro-fused Î³-Iminolactams.. ChemInform, 2005, 36, no.	0.0	0
21	Recent Developments in the Chemistry of Quinoneimides. ChemInform, 2006, 37, no.	0.0	0
22	Corrigendum to "1,3-Dipolar cycloaddition reactions of carbonyl ylides with 1,2-diones: synthesis of novel spiro oxabicycles" [Tetrahedron 58(21) (2002) 4171-4177]. Tetrahedron, 2009, 65, 9505.	1.9	0
23	Lewis Acid Promoted Annulation of p-Quinoneimines by Allylsilanes: A Facile Entry into Benzofused Heterocycles.. ChemInform, 2010, 33, 119-119.	0.0	0