

# Parimal Misra

## List of Publications by Year in descending order

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34  
papers

1,251  
citations

331670

21  
h-index

414414

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1643  
citing authors

#	ARTICLE	IF	CITATIONS
1	( $\hat{\alpha}$ ) <sup>3</sup> -[4-[2-(Phenoxazin-10-yl)ethoxy]phenyl]-2-ethoxypropanoic Acid [( $\hat{\alpha}$ ) <sup>3</sup> DRF 2725]: A Dual PPAR Agonist with Potent Antihyperglycemic and Lipid Modulating Activity. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2675-2678.	6.4	139
2	Defects of the Heart, Eye, and Megakaryocytes in Peroxisome Proliferator Activator Receptor-binding Protein (PBP) Null Embryos Implicate GATA Family of Transcription Factors. <i>Journal of Biological Chemistry</i> , 2002, 277, 3585-3592.	3.4	116
3	Interaction of PIMT with Transcriptional Coactivators CBP, p300, and PBP Differential Role in Transcriptional Regulation. <i>Journal of Biological Chemistry</i> , 2002, 277, 20011-20019.	3.4	83
4	Ragaglitazar: a novel PPAR $\hat{\alpha}$ & PPAR $\hat{\beta}$ agonist with potent lipid-lowering and insulin-sensitizing efficacy in animal models. <i>British Journal of Pharmacology</i> , 2003, 140, 527-537.	5.4	77
5	Phosphorylation of Transcriptional Coactivator Peroxisome Proliferator-activated Receptor (PPAR)-binding Protein (PBP). <i>Journal of Biological Chemistry</i> , 2002, 277, 48745-48754.	3.4	67
6	PAT5A: A Partial Agonist of Peroxisome Proliferator-Activated Receptor $\hat{\beta}$ Is a Potent Antidiabetic Thiazolidinedione Yet Weakly Adipogenic. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 763-771.	2.5	62
7	Ultrasound-based approach to spiro-2,3-dihydroquinazolin-4(1H)-ones: their in vitro evaluation against chorismate mutase. <i>Tetrahedron Letters</i> , 2013, 54, 495-501.	1.4	59
8	Peroxisome proliferator-activated receptor- $\hat{\alpha}$ activation and excess energy burning in hepatocarcinogenesis. <i>Biochimie</i> , 2014, 98, 63-74.	2.6	57
9	Simvastatin may induce insulin resistance through a novel fatty acid mediated cholesterol independent mechanism. <i>Scientific Reports</i> , 2015, 5, 13823.	3.3	49
10	Conformationally restricted 3,4-diarylfuranones (2,3a,4,5-tetrahydronaphthofuranones) as selective cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 1639-1643.	2.2	48
11	AlCl <sub>3</sub> mediated unexpected migration of sulfonyl groups: regioselective synthesis of 7-sulfonyl indoles of potential pharmacological interest. <i>Chemical Communications</i> , 2012, 48, 10434.	4.1	47
12	Cu-mediated N-arylation of 1,2,3-triazin-4-ones: Synthesis of fused triazinone derivatives as potential inhibitors of chorismate mutase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1146-1150.	2.2	45
13	A new route to indoles via in situ desilylation "Sonogashira strategy: identification of novel small molecules as potential anti-tuberculosis agents. <i>MedChemComm</i> , 2011, 2, 1006.	3.4	44
14	Synthesis and SAR/3D-QSAR studies on the COX-2 inhibitory activity of 1,5-diarylpyrazoles to validate the modified pharmacophore. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 977-990.	5.5	41
15	AlCl <sub>3</sub> induced (hetero)arylation of 2,3-dichloroquinoxaline: A one-pot synthesis of mono/disubstituted quinoxalines as potential antitubercular agents. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1711-1722.	3.0	35
16	A Pd-mediated new strategy to functionalized 2-aminochromenes: Their in vitro evaluation as potential anti tuberculosis agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6433-6439.	2.2	33
17	ERK2-Mediated Phosphorylation of Transcriptional Coactivator Binding Protein PIMT/NCoA6IP at Ser298 Augments Hepatic Gluconeogenesis. <i>PLoS ONE</i> , 2013, 8, e83787.	2.5	32
18	Co-activator binding protein PIMT mediates TNF- $\hat{\alpha}$ induced insulin resistance in skeletal muscle via the transcriptional down-regulation of MEF2A and GLUT4. <i>Scientific Reports</i> , 2015, 5, 15197.	3.3	25

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19	MicroRNA-16 modulates macrophage polarization leading to improved insulin sensitivity in myoblasts. <i>Biochimie</i> , 2015, 119, 16-26.	2.6	24
20	Euglycemic and hypolipidemic activity of PAT5A: A unique thiazolidinedione with weak peroxisome proliferator activated receptor gamma activity. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 1417-1423.	3.4	21
21	Peroxisome Proliferator-Activated Receptor- $\alpha$ Signaling in Hepatocarcinogenesis. <i>Sub-Cellular Biochemistry</i> , 2013, 69, 77-99.	2.4	21
22	ERK1/2 activated PHLPP1 induces skeletal muscle ER stress through the inhibition of a novel substrate AMPK. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1702-1716.	3.8	21
23	The Med1 Subunit of the Mediator Complex Induces Liver Cell Proliferation and Is Phosphorylated by AMP Kinase. <i>Journal of Biological Chemistry</i> , 2013, 288, 27898-27911.	3.4	19
24	Statins exacerbate glucose intolerance and hyperglycemia in a high sucrose fed rodent model. <i>Scientific Reports</i> , 2019, 9, 8825.	3.3	16
25	DRF 2655: A Unique Molecule that Reduces Body Weight and Ameliorates Metabolic Abnormalities. <i>Obesity</i> , 2003, 11, 292-303.	4.0	12
26	C $\alpha$ -N bond formation under Cu-catalysis: Synthesis and in vitro evaluation of N-aryl substituted thieno[2,3-d]pyrimidin-4(3H)-ones against chorismate mutase. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5127-5138.	3.0	11
27	MicroRNA-712 restrains macrophage pro-inflammatory responses by targeting LRRK2 leading to restoration of insulin stimulated glucose uptake by myoblasts. <i>Molecular Immunology</i> , 2017, 82, 1-9.	2.2	11
28	Synthesis of 3-indolylmethyl substituted (pyrazolo/benzo)triazinone derivatives under Pd/Cu-catalysis: Identification of potent inhibitors of chorismate mutase (CM). <i>Bioorganic Chemistry</i> , 2019, 91, 103155.	4.1	11
29	2-[2-(4-(trifluoromethyl)phenylamino)thiazol-4-yl]acetic acid (Activator-3) is a potent activator of AMPK. <i>Scientific Reports</i> , 2018, 8, 9599.	3.3	10
30	Novel isatin $\alpha$ -indole derivatives as potential inhibitors of chorismate mutase (CM): their synthesis along with unexpected formation of 2-indolylmethylamino benzoate ester under Pd $\alpha$ -Cu catalysis. <i>RSC Advances</i> , 2020, 10, 289-297.	3.6	6
31	Novel alkynyl substituted 3,4-dihydropyrimidin-2(1H)-one derivatives as potential inhibitors of chorismate mutase. <i>Bioorganic Chemistry</i> , 2013, 51, 48-53.	4.1	5
32	Amberlyst-15 catalysed synthesis of novel indole derivatives under ultrasound irradiation: Their evaluation as serotonin 5-HT <sub>2C</sub> receptor agonists. <i>Bioorganic Chemistry</i> , 2021, 116, 105380.	4.1	4
33	Conformationally Restricted 3,4-Diarylfuranones (2,3a,4,5-Tetrahydronaphthofuranones) as Selective Cyclooxygenase-2 Inhibitors.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
34	PIMT/TGS1: An evolving metabolic molecular switch with conserved methyl transferase activity. <i>Drug Discovery Today</i> , 2022, , .	6.4	0