

# Ketan C Ruparelia

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

355  
citations

11  
h-index

17  
g-index

17  
ext. papers

444  
ext. citations

5.1  
avg. IF

3.27  
L-index

#	Paper	IF	Citations
17	Analysis of plant secondary metabolism using stable isotope-labelled precursors. <i>Phytochemical Analysis</i> , <b>2021</b> , 32, 62-68	3.4	0
16	Activity of Antioxidants from L. Petals: Potential Preventive Effects towards Cardiovascular System. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	7
15	Application of mesoporous silica nanoparticles as drug delivery carriers for chemotherapeutic agents. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 1513-1520	8.8	44
14	Flavones as tyrosinase inhibitors: kinetic studies in vitro and in silico. <i>Phytochemical Analysis</i> , <b>2020</b> , 31, 314-321	3.4	16
13	Application of Natural Extracts After Dental Air-Polishing Procedures: What Should We Know?. <i>Alternative and Complementary Therapies</i> , <b>2019</b> , 25, 151-154	0.3	
12	The synthesis of 4,6-diaryl-2-pyridones and their bioactivation in CYP1 expressing breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 1403-1406	2.9	2
11	Nobiletin bioactivation in MDA-MB-468 breast cancer cells by cytochrome P450 CYP1 enzymes. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 113, 228-235	4.7	25
10	Electrosprayed mesoporous particles for improved aqueous solubility of a poorly water soluble anticancer agent: in vitro and ex vivo evaluation. <i>Journal of Controlled Release</i> , <b>2018</b> , 278, 142-155	11.7	47
9	The Synthesis of Chalcones as Anticancer Prodrugs and their Bioactivation in CYP1 Expressing Breast Cancer Cells. <i>Medicinal Chemistry</i> , <b>2018</b> , 14, 322-332	1.8	7
8	Synthesis and antitrypanosomal activities of novel pyridylchalcones. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 128, 213-218	6.8	8
7	Discovery and characterization of novel CYP1B1 inhibitors based on heterocyclic chalcones: Overcoming cisplatin resistance in CYP1B1-overexpressing lines. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 129, 159-174	6.8	30
6	(E)-3-(3,4,5-Trimethoxyphenyl)-1-(pyridin-4-yl)prop-2-en-1-one, a heterocyclic chalcone is a potent and selective CYP1A1 inhibitor and cancer chemopreventive agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 5409-5414	2.9	11
5	Flavonoids and Their Metabolites: Prevention in Cardiovascular Diseases and Diabetes. <i>Diseases (Basel, Switzerland)</i> , <b>2017</b> , 5,	4.4	37
4	Petals of Crocus sativus L. as a potential source of the antioxidants crocin and kaempferol. <i>Phytotherapy Research</i> , <b>2015</b> , 107, 128-134	3.2	58
3	Phytoestrogens as natural prodrugs in cancer prevention: towards a mechanistic model. <i>Phytochemistry Reviews</i> , <b>2014</b> , 13, 853-866	7.7	14
2	Impact of in situ granulation and temperature quenching on crystal habit and micromeritic properties of ibuprofen-cationic dextran conjugate crystallites. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 462, 83-102	6.5	16
1	Phytoestrogens as natural prodrugs in cancer prevention: dietary flavonoids. <i>Phytochemistry Reviews</i> , <b>2009</b> , 8, 375-386	7.7	33

