

Ketan C Ruparelia

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

535
citations

840119

11
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Petals of <i>Crocus sativus</i> L. as a potential source of the antioxidants crocin and kaempferol. <i>FA-toterap-Åç</i> , 2015, 107, 128-134.	1.1	86
2	Application of mesoporous silica nanoparticles as drug delivery carriers for chemotherapeutic agents. <i>Drug Discovery Today</i> , 2020, 25, 1513-1520.	3.2	83
3	Flavonoids and Their Metabolites: Prevention in Cardiovascular Diseases and Diabetes. <i>Diseases (Basel)</i> , Tj ETQq1 1,0,784314,rgBT /O 1.0 70	1.0	70
4	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> , 2018, 278, 142-155.	4.8	62
5	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> , 2017, 129, 159-174.	2.6	41
6	Phytoestrogens as natural prodrugs in cancer prevention: dietary flavonoids. <i>Phytochemistry Reviews</i> , 2009, 8, 375-386.	3.1	35
7	Flavones as tyrosinase inhibitors: kinetic studies <i>in vitro</i> and <i>in silico</i> . <i>Phytochemical Analysis</i> , 2020, 31, 314-321.	1.2	34
8	Nobiletin bioactivation in MDA-MB-468 breast cancer cells by cytochrome P450 CYP1 enzymes. <i>Food and Chemical Toxicology</i> , 2018, 113, 228-235.	1.8	31
9	Activity of Antioxidants from <i>Crocus sativus</i> L. Petals: Potential Preventive Effects towards Cardiovascular System. <i>Antioxidants</i> , 2020, 9, 1102.	2.2	22
10	Impact of in situ granulation and temperature quenching on crystal habit and micromeritic properties of ibuprofen-cationic dextran conjugate cristanules. <i>International Journal of Pharmaceutics</i> , 2014, 462, 83-102.	2.6	18
11	Phytoestrogens as natural prodrugs in cancer prevention: towards a mechanistic model. <i>Phytochemistry Reviews</i> , 2014, 13, 853-866.	3.1	14
12	(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> , 2017, 27, 5409-5414.	1.0	13
13	Synthesis and antitrypanosomal activities of novel pyridylchalcones. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 213-218.	2.6	10
14	The Synthesis of Chalcones as Anticancer Prodrugs and their Bioactivation in CYP1 Expressing Breast Cancer Cells. <i>Medicinal Chemistry</i> , 2018, 14, 322-332.	0.7	9
15	Analysis of plant secondary metabolism using stable isotope-labelled precursors. <i>Phytochemical Analysis</i> , 2021, 32, 62-68.	1.2	4
16	The synthesis of 4,6-diaryl-2-pyridones and their bioactivation in CYP1 expressing breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1403-1406.	1.0	3
17	Application of Natural Extracts After Dental Air-Polishing Procedures: What Should We Know?. <i>Alternative and Complementary Therapies</i> , 2019, 25, 151-154.	0.1	0