

Gerasimos A Rassias

List of Publications by Year in descending order

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28
papers

1,794
citations

393982

19
h-index

580395

25
g-index

40
all docs

40
docs citations

40
times ranked

1629
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Hydrotrifluoromethylation of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 2505-2508.	6.6	403
2	The Second Total Synthesis of Diazonamide A. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1753-1758.	7.2	176
3	Chemistry and Biology of Diazonamide A: A Second Total Synthesis and Biological Investigations. <i>Journal of the American Chemical Society</i> , 2004, 126, 12897-12906.	6.6	160
4	Trifluoromethylation of Allylsilanes under Copper Catalysis. <i>Chemistry - A European Journal</i> , 2012, 18, 8583-8587.	1.7	122
5	Trifluoromethylation of Allylsilanes under Photoredox Catalysis. <i>Organic Letters</i> , 2013, 15, 1250-1253.	2.4	117
6	An organic cation as a silver(Ag^+) analogue for the arylation of sp^2 and sp^3 C-H bonds with iodoarenes. <i>Chemical Science</i> , 2014, 5, 3509-3514.	3.7	100
7	A New System for Catalytic Asymmetric Epoxidation Using Iminium Salt Catalysts. <i>Journal of Organic Chemistry</i> , 1998, 63, 2774-2777.	1.7	87
8	Functionalized Iminium Salt Systems for Catalytic Asymmetric Epoxidation. <i>Journal of Organic Chemistry</i> , 2001, 66, 6926-6931.	1.7	78
9	Design, Synthesis, and Biological Properties of Highly Potent Epopilone B Analogues. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3515-3520.	7.2	66
10	Epoxide Syntheses and Ring-Opening Reactions in Drug Development. <i>Catalysts</i> , 2020, 10, 1117.	1.6	59
11	Dihydroisoquinolinium salts: catalysts for asymmetric epoxidation. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3325-3334.	1.3	54
12	New Organocatalysts for the Asymmetric Catalytic Epoxidation of Alkenes Mediated by Chiral Iminium Salts. <i>Synlett</i> , 2002, 2002, 0580-0582.	1.0	54
13	The Second Total Synthesis of Diazonamide A. <i>Angewandte Chemie</i> , 2003, 115, 1795-1800.	1.6	52
14	Remediation of ciprofloxacin-contaminated soil by nanosecond pulsed dielectric barrier discharge plasma: Influencing factors and degradation mechanisms. <i>Chemical Engineering Journal</i> , 2020, 393, 124768.	6.6	44
15	New Chiral Iminium Salt Catalysts for Asymmetric Epoxidation. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 803-813.	1.2	40
16	Short and Versatile Route to a Key Intermediate for Lactacystin Synthesis. <i>Organic Letters</i> , 2003, 5, 353-355.	2.4	33
17	Iminium Salt-Catalysed Asymmetric Epoxidation using Hydrogen Peroxide as Stoichiometric Oxidant. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1867-1874.	2.1	33
18	Organocatalysis of asymmetric epoxidation by iminium salts using sodium hypochlorite as the stoichiometric oxidant. <i>Tetrahedron</i> , 2009, 65, 2910-2915.	1.0	29

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19	Cell-active carbazole derivatives as inhibitors of the zika virus protease. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 536-545.	2.6	21
20	Atropo- and Diastereoselective Construction of Tetracyclic Biphenylazepinium Salts Derived from Aminoalcohols: Use as Catalysts in Enantioselective Asymmetric Epoxidation. <i>Journal of Organic Chemistry</i> , 2015, 80, 8036-8045.	1.7	20
21	Synthesis of enantiomerically pure tertiary 1,2-aminoalcohols by the highly diastereoselective reductive ring opening of oxazolidines. <i>Tetrahedron</i> , 2007, 63, 10991-10999.	1.0	14
22	Design, Synthesis, and Biological Properties of Highly Potent Epothilone B Analogues. <i>Angewandte Chemie</i> , 2003, 115, 3639-3644.	1.6	13
23	Potent antiproliferative activity of bradykinin B2 receptor selective agonist FR-190997 and analogue structures thereof: A paradox resolved?. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112948.	2.6	9
24	Amidoxime prodrugs convert to potent cell-active multimodal inhibitors of the dengue virus protease. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113695.	2.6	7
25	The Highly Diastereoselective Synthesis of Oxazolidines Derived from Ketones and Pseudoephedrine or Ephedrine. <i>Synlett</i> , 2005, 2005, 0971-0975.	1.0	3
26	Short and Versatile Route to a Key Intermediate for Lactacystin Synthesis.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
27	A Novel Dual Organocatalyst for the Asymmetric Pinder Reaction and a Mechanistic Proposal Consistent with the Isoinversion Effect Thereof. <i>Molecules</i> , 2021, 26, 6398.	1.7	0
28	Organocatalytic Asymmetric Halocyclization of Allylic Amides to Chiral Oxazolines Using DTBM-SEGPHOSâ€”Mechanistic Implications from Hammett Plots. <i>Symmetry</i> , 2022, 14, 989.	1.1	0