

Charalampos G Pappas

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,956
citations

394421

19
h-index

610901

24
g-index

27
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27
docs citations

27
times ranked

2810
citing authors

#	ARTICLE	IF	CITATIONS
1	Out-of-Equilibrium Self-Replication Allows Selection for Dynamic Kinetic Stability in a System of Competing Replicators. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20
2	Out-of-Equilibrium Self-Replication Allows Selection for Dynamic Kinetic Stability in a System of Competing Replicators. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
3	Two Sides of the Same Coin: Emergence of Foldamers and Self-Replicators from Dynamic Combinatorial Libraries. <i>Journal of the American Chemical Society</i> , 2021, 143, 7388-7393.	13.7	15
4	Emergence of low-symmetry foldamers from single monomers. <i>Nature Chemistry</i> , 2020, 12, 1180-1186.	13.6	47
5	A sound approach to self-assembly. <i>Nature Chemistry</i> , 2020, 12, 784-785.	13.6	0
6	Spontaneous Aminolytic Cyclization and Self-Assembly of Dipeptide Methyl Esters in Water. <i>ChemSystemsChem</i> , 2020, 2, e2000013.	2.6	9
7	Spontaneous Emergence of Self-Replicating Molecules Containing Nucleobases and Amino Acids. <i>Journal of the American Chemical Society</i> , 2020, 142, 4184-4192.	13.7	38
8	Complex Molecules That Fold Like Proteins Can Emerge Spontaneously. <i>Journal of the American Chemical Society</i> , 2019, 141, 1685-1689.	13.7	62
9	Co-treatment with a C1B5 peptide of protein kinase C β and a low dose of gemcitabine strongly attenuated pancreatic cancer growth in mice through T cell activation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 962-968.	2.1	5
10	Biocatalytic Self-Assembly Cascades. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6828-6832.	13.8	65
11	Antiparallel Dynamic Covalent Chemistries. <i>Journal of the American Chemical Society</i> , 2017, 139, 6744-6751.	13.7	40
12	Switchable Hydrolase Based on Reversible Formation of Supramolecular Catalytic Site Using a Self-Assembling Peptide. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14511-14515.	13.8	131
13	Biocatalytic Self-Assembly Cascades. <i>Angewandte Chemie</i> , 2017, 129, 6932-6936.	2.0	26
14	Dynamic peptide libraries for the discovery of supramolecular nanomaterials. <i>Nature Nanotechnology</i> , 2016, 11, 960-967.	31.5	181
15	Biocatalytic Pathway Selection in Transient Tripeptide Nanostructures. <i>Angewandte Chemie</i> , 2015, 127, 8237-8241.	2.0	56
16	Biocatalytic Pathway Selection in Transient Tripeptide Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8119-8123.	13.8	171
17	Alignment of nanostructured tripeptide gels by directional ultrasonication. <i>Chemical Communications</i> , 2015, 51, 8465-8468.	4.1	60
18	Transient supramolecular reconfiguration of peptide nanostructures using ultrasound. <i>Materials Horizons</i> , 2015, 2, 198-202.	12.2	53

#	ARTICLE	IF	CITATIONS
19	Exploring the sequence space for (tri-)peptide self-assembly to design and discover new hydrogels. <i>Nature Chemistry</i> , 2015, 7, 30-37.	13.6	597
20	GnRH-Gemcitabine Conjugates for the Treatment of Androgen-Independent Prostate Cancer: Pharmacokinetic Enhancements Combined with Targeted Drug Delivery. <i>Bioconjugate Chemistry</i> , 2014, 25, 813-823.	3.6	43
21	Tuneable Fmoc- α -Phe- β -(4-X)- α -Phe-NH ₂ nanostructures by variable electronic substitution. <i>Chemical Communications</i> , 2014, 50, 10630-10633.	4.1	31
22	Differential Self-Assembly and Tunable Emission of Aromatic Peptide <i>Bola</i> -Amphiphiles Containing Perylene Bisimide in Polar Solvents Including Water. <i>Langmuir</i> , 2014, 30, 7576-7584.	3.5	86
23	Electronic Sculpting of Ligand-GPCR Subtype Selectivity: The Case of Angiotensin II. <i>ACS Chemical Biology</i> , 2014, 9, 1420-1425.	3.4	31
24	Stable Emulsions Formed by Self-Assembly of Interfacial Networks of Dipeptide Derivatives. <i>ACS Nano</i> , 2014, 8, 7005-7013.	14.6	127
25	On the Hydration State of Amino Acids and Their Derivatives at Different Ionization States: A Comparative Multinuclear NMR and Crystallographic Investigation. <i>Journal of Amino Acids</i> , 2012, 2012, 1-11.	5.8	58