

# Andreas G Tzacos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/665468/publications.pdf>

Version: 2024-02-01

153  
papers

4,000  
citations

109137

35  
h-index

155451

55  
g-index

156  
all docs

156  
docs citations

156  
times ranked

6101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular investigation of artificial and natural sweeteners as potential anti-inflammatory agents. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 12608-12620.	2.0	7
2	Phenethyl ester of rosmarinic acid attenuates autoimmune responses during type 1 diabetes development in mice. <i>Life Sciences</i> , 2022, 288, 120184.	2.0	2
3	Development of a DHA-Losartan hybrid as a potent inhibitor of multiple pathway-induced platelet aggregation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 13889-13900.	2.0	0
4	DBU mediated one-pot synthesis of triazolo triazines via Dimroth type rearrangement. <i>RSC Advances</i> , 2022, 12, 2102-2106.	1.7	3
5	Serum albumin as a primary non-covalent binding protein for nitro-oleic acid. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 116-129.	3.6	13
6	Design Principles Governing the Development of Theranostic Anticancer Agents and Their Nanoformulations with Photoacoustic Properties. <i>Pharmaceutics</i> , 2022, 14, 362.	2.0	5
7	Arginine deprivation alters microglial polarity and synergizes with radiation to eradicate non-arginine-auxotrophic glioblastoma tumors. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	28
8	Exploration of Betalains and Determination of the Antioxidant and Cytotoxicity Profile of Orange and Purple <i>Opuntia</i> spp. Cultivars in Greece. <i>Plant Foods for Human Nutrition</i> , 2022, 77, 198-205.	1.4	3
9	NMR and computational studies reveal novel aspects in molecular recognition of unsaturated fatty acids with non-labelled serum albumin. <i>FEBS Journal</i> , 2022, 289, 5617-5636.	2.2	9
10	Biophysical Evaluation and In Vitro Controlled Release of Two Isomeric Adamantane Phenylalkylamines with Antiproliferative/Anticancer and Analgesic Activity. <i>Molecules</i> , 2022, 27, 7.	1.7	0
11	Chemical Profiling, Bioactivity Evaluation and the Discovery of a Novel Biopigment Produced by <i>Penicillium purpurogenum</i> CBS 113139. <i>Molecules</i> , 2022, 27, 69.	1.7	5
12	Valorisation of stachysetin from cultivated <i>Stachys iva</i> Griseb. as anti-diabetic agent: a multi-spectroscopic and molecular docking approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6452-6466.	2.0	12
13	Charting the structural and thermodynamic determinants in phenolic acid natural product cyclodextrin encapsulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 2642-2658.	2.0	9
14	Development of programmable gemcitabine-GnRH pro-drugs bearing linker controllable oxime bond tethers and preclinical evaluation against prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113018.	2.6	20
15	Interplay of cholesterol, membrane bilayers and the AT1R: A cholesterol consensus motif on AT1R is revealed. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 110-120.	1.9	7
16	Ligand-Receptor Interactions and Drug Design. <i>Methods in Molecular Biology</i> , 2021, 2266, 89-104.	0.4	6
17	Anti-Ageing Potential of <i>S. euboea</i> Heldr. Phenolics. <i>Molecules</i> , 2021, 26, 3151.	1.7	9
18	Advancing the Therapeutic Efficacy of Bioactive Molecules by Delivery Vehicle Platforms. <i>Current Medicinal Chemistry</i> , 2021, 28, 2697-2706.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Rational Design and Synthesis of AT1R Antagonists. <i>Molecules</i> , 2021, 26, 2927.	1.7	6
20	Biotin-Yellow a biotin guided NIR turn-on fluorescent probe for cancer targeted diagnosis. <i>Sensors and Actuators B: Chemical</i> , 2021, 337, 129807.	4.0	8
21	Using conformational constraints at position 6 of Angiotensin II to generate compounds with enhanced AT2R selectivity and proteolytic stability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 43, 128086.	1.0	1
22	Characterization of Protocatechuate 4,5-Dioxygenase from <i>Pseudarthrobacter phenanthrenivorans</i> Spe3 and In Situ Reaction Monitoring in the NMR Tube. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9647.	1.8	13
23	Development of novel GnRH and Tat <sup>48-60</sup> based luminescent probes with enhanced cellular uptake and bioimaging profile. <i>Dalton Transactions</i> , 2021, 50, 9215-9224.	1.6	3
24	Unveiling the Thermodynamic Aspects of Drug-Cyclodextrin Interactions Through Isothermal Titration Calorimetry. <i>Methods in Molecular Biology</i> , 2021, 2207, 187-198.	0.4	3
25	Development of niosomes for encapsulating captopril-querctin prodrug to combat hypertension. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121191.	2.6	8
26	Curcumin and Radiotherapy Exert Synergistic Anti-Glioma Effect In Vitro. <i>Biomedicines</i> , 2021, 9, 1562.	1.4	18
27	On the Rational Drug Design for Hypertension through NMR Spectroscopy. <i>Molecules</i> , 2021, 26, 12.	1.7	3
28	Encapsulation of Small Drugs in a Supramolecule Enhances , Stability, and Therapeutic Efficacy Against. <i>Methods in Molecular Biology</i> , 2021, 2207, 175-186.	0.4	1
29	2D NMR: A Valuable Tool to Confirm the in Drug Systems. <i>Methods in Molecular Biology</i> , 2021, 2207, 235-246.	0.4	2
30	Construction of Peptide-Drug Conjugates for Selective Targeting of Malignant Tumor Cells. <i>Methods in Molecular Biology</i> , 2021, 2207, 327-338.	0.4	6
31	Myelin Peptide-Mannan Conjugate Multiple Sclerosis Vaccines: Conjugation Efficacy and Stability of Vaccine Ingredient. <i>Vaccines</i> , 2021, 9, 1456.	2.1	6
32	Exploring the role of the membrane bilayer in the recognition of candesartan by its GPCR AT1 receptor. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183142.	1.4	15
33	Lipase immobilized on magnetic hierarchically porous carbon materials as a versatile tool for the synthesis of bioactive quercetin derivatives. <i>Bioresource Technology Reports</i> , 2020, 9, 100372.	1.5	9
34	Discovery of a stable tripeptide targeting the N-domain of CRF1 receptor. <i>Amino Acids</i> , 2020, 52, 1337-1351.	1.2	0
35	Enhancement of glioblastoma multiforme therapy through a novel Quercetin-Losartan hybrid. <i>Free Radical Biology and Medicine</i> , 2020, 160, 391-402.	1.3	16
36	Preparation and Biophysical Characterization of Quercetin Inclusion Complexes with $\beta$ -Cyclodextrin Derivatives to be Formulated as Possible Nose-to-Brain Quercetin Delivery Systems. <i>Molecular Pharmaceutics</i> , 2020, 17, 4241-4255.	2.3	35

#	ARTICLE	IF	CITATIONS
37	DIA-DB: A Database and Web Server for the Prediction of Diabetes Drugs. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 4124-4130.	2.5	12
38	Antihypertensive activity and molecular interactions of irbesartan in complex with 2- $\beta$ -hydroxypropyl- $\gamma$ -cyclodextrin. <i>Chemical Biology and Drug Design</i> , 2020, 96, 668-683.	1.5	6
39	Bioinspired tailoring of fluorogenic thiol responsive antioxidant precursors to protect cells against H <sub>2</sub> O <sub>2</sub> -induced DNA damage. <i>Free Radical Biology and Medicine</i> , 2020, 160, 540-551.	1.3	9
40	Synthetic Analogues of Aminoadamantane as Influenza Viral Inhibitorsâ€”In Vitro, In Silico and QSAR Studies. <i>Molecules</i> , 2020, 25, 3989.	1.7	10
41	Single Peptide Backbone Surrogate Mutations to Regulate Angiotensin GPCR Subtype Selectivity. <i>Chemistry - A European Journal</i> , 2020, 26, 10690-10694.	1.7	7
42	Unveiling the interaction profile of rosmarinic acid and its bioactive substructures with serum albumin. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 786-804.	2.5	15
43	A Journey to the Conformational Analysis of T-Cell Epitope Peptides Involved in Multiple Sclerosis. <i>Brain Sciences</i> , 2020, 10, 356.	1.1	4
44	The NMR tube bioreactor. <i>Methods in Enzymology</i> , 2020, 633, 71-101.	0.4	3
45	NMR-Based Chemical Profiling, Isolation and Evaluation of the Cytotoxic Potential of the Diterpenoid Siderol from Cultivated <i>Sideritis euboea</i> Heldr.. <i>Molecules</i> , 2020, 25, 2382.	1.7	20
46	Redox properties of individual quercetin moieties. <i>Free Radical Biology and Medicine</i> , 2019, 143, 240-251.	1.3	38
47	Valorization of Carob Fruit Residues for the Preparation of Novel Bi-Functional Polyphenolic Coating for Food Packaging Applications. <i>Molecules</i> , 2019, 24, 3162.	1.7	11
48	Hostâ€”Guest Interactions between Candesartan and Its Prodrug Candesartan Cilexetil in Complex with 2-Hydroxypropyl- $\beta$ -cyclodextrin: On the Biological Potency for Angiotensin II Antagonism. <i>Molecular Pharmaceutics</i> , 2019, 16, 1255-1271.	2.3	17
49	Non-Genomic Effects of Aldosterone. <i>Vitamins and Hormones</i> , 2019, 109, 133-149.	0.7	17
50	Encapsulation of Temozolomide in a Calixarene Nanocapsule Improves Its Stability and Enhances Its Therapeutic Efficacy against Glioblastoma. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 1497-1505.	1.9	27
51	Novel stable analogues of the neurotensin C-terminal hexapeptide containing unnatural amino acids. <i>Amino Acids</i> , 2019, 51, 1009-1022.	1.2	9
52	Inclusion of Quercetin in Gold Nanoparticles Decorated with Supramolecular Hosts Amplifies Its Tumor Targeting Properties. <i>ACS Applied Bio Materials</i> , 2019, 2, 2715-2725.	2.3	30
53	The renin angiotensin system (RAS) mediates bifunctional growth regulation in melanoma and is a novel target for therapeutic intervention. <i>Oncogene</i> , 2019, 38, 2320-2336.	2.6	32
54	Development of a validated LC-MS/MS method for the in vitro and in vivo quantitation of sunitinib in glioblastoma cells and cancer patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 690-697.	1.4	6

#	ARTICLE	IF	CITATIONS
55	Development of bioactive gemcitabine-D-Lys6-GnRH prodrugs with linker-controllable drug release rate and enhanced biopharmaceutical profile. <i>European Journal of Medicinal Chemistry</i> , 2019, 166, 256-266.	2.6	15
56	Development and validation of simple step protein precipitation UHPLC-MS/MS methods for quantitation of temozolomide in cancer patient plasma samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 162, 164-170.	1.4	13
57	The dynamic properties of angiotensin II type 1 receptor inverse agonists in solution and in the receptor site. <i>Arabian Journal of Chemistry</i> , 2019, 12, 5062-5078.	2.3	19
58	Lipophilic ester and amide derivatives of rosmarinic acid protect cells against H <sub>2</sub> O <sub>2</sub> -induced DNA damage and apoptosis: The potential role of intracellular accumulation and labile iron chelation. <i>Redox Biology</i> , 2018, 15, 548-556.	3.9	35
59	Enriching the biological space of natural products and charting drug metabolites, through real time biotransformation monitoring: The NMR tube bioreactor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1-8.	1.1	8
60	Amplifying and broadening the cytotoxic profile of quercetin in cancer cell lines through bioconjugation. <i>Amino Acids</i> , 2018, 50, 279-291.	1.2	14
61	Co-treatment with a C1B5 peptide of protein kinase C $\beta$ 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.	1.0	5
62	Probing the interaction of a quercetin bioconjugate with Bcl-2 in living human cancer cells with in-cell NMR spectroscopy. <i>FEBS Letters</i> , 2018, 592, 3367-3379.	1.3	41
63	Tailoring acyclovir prodrugs with enhanced antiviral activity: rational design, synthesis, human plasma stability and in vitro evaluation. <i>Amino Acids</i> , 2018, 50, 1131-1143.	1.2	4
64	Designing Natural Product Hybrids Bearing Triple Antiplatelet Profile and Evaluating Their Human Plasma Stability. <i>Methods in Molecular Biology</i> , 2018, 1824, 371-385.	0.4	4
65	On the design principles of peptide-drug conjugates for targeted drug delivery to the malignant tumor site. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 930-954.	1.3	110
66	Three Regioselectively Acylated Flavonoid Aglycone Derivatives in Equimolar Yield at One Blow. <i>ChemistrySelect</i> , 2018, 3, 5207-5211.	0.7	2
67	Immunotherapy Bridge 2017 and Melanoma Bridge 2017: meeting abstracts. <i>Journal of Translational Medicine</i> , 2018, 16, .	1.8	2
68	Development of a novel conjugatable sunitinib analogue validated through in vitro and in vivo preclinical settings. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 515-523.	1.2	3
69	Exploring the oxidation and iron binding profile of a cyclodextrin encapsulated quercetin complex unveiled a controlled complex dissociation through a chemical stimulus. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1913-1924.	1.1	28
70	Abstract 260: Apigenin nanoparticle suppresses sphere formation in CD133+/ALDH1high prostate cancer stem cells through downregulation of stem cell markers. , 2018, , .		1
71	Exploring the interactions of irbesartan and irbesartan-2-hydroxypropyl- $\beta$ -cyclodextrin complex with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1089-1098.	1.4	26
72	Molecular requirements involving the human platelet protease-activated receptor-4 mechanism of activation by peptide analogues of its tethered-ligand. <i>Platelets</i> , 2017, 28, 812-821.	1.1	13

#	ARTICLE	IF	CITATIONS
73	Determination of Polyphenolic Phytochemicals using Highly Deshielded $^{13}\text{C}$ -NMR Signals. <i>Phytochemical Analysis</i> , 2017, 28, 159-170.	1.2	15
74	Liquid chromatography coupled with tandem mass spectrometry (LC-MS/MS) based bioavailability determination of the major classes of phytochemicals. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1047, 15-38.	1.2	19
75	Unveiling and tackling guanidinium peptide coupling reagent side reactions towards the development of peptide-drug conjugates. <i>RSC Advances</i> , 2017, 7, 50519-50526.	1.7	21
76	Tailoring naringenin conjugates with amplified and triple antiplatelet activity profile: Rational design, synthesis, human plasma stability and in vitro evaluation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2609-2618.	1.1	13
77	Rational design and structure-activity relationship studies of quercetin-amino acid hybrids targeting the anti-apoptotic protein Bcl-xL. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7956-7976.	1.5	24
78	Functional Components of Carob Fruit: Linking the Chemical and Biological Space. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1875.	1.8	101
79	CSIG-02. ANGIOTENSIN SIGNALLING IN GBM: AT2R AS A NOVEL THERAPEUTIC TARGET. <i>Neuro-Oncology</i> , 2016, 18, vi40-vi40.	0.6	0
80	Mapping the interactions and bioactivity of quercetin-(2-hydroxypropyl)- $\beta$ -cyclodextrin complex. <i>International Journal of Pharmaceutics</i> , 2016, 511, 303-311.	2.6	48
81	Ethyl Acetate Extract of <i>Origanum vulgare</i> L. ssp. <i>hirtum</i> Prevents Streptozotocin-Induced Diabetes in C57BL/6 Mice. <i>Journal of Food Science</i> , 2016, 81, H1846-53.	1.5	13
82	PRESS: PROtein S-Sulfenylation server. <i>Bioinformatics</i> , 2016, 32, 2710-2712.	1.8	19
83	Deconvoluting the Dual Antiplatelet Activity of a Plant Extract. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4511-4521.	2.4	13
84	$^1\text{H}$ NMR chemical shift assignment, structure and conformational elucidation of hypericin with the use of DFT calculations - The challenge of accurate positions of labile hydrogens. <i>Tetrahedron</i> , 2016, 72, 8287-8293.	1.0	20
85	Peptide-Drug Conjugate GnRH-Sunitinib Targets Angiogenesis Selectively at the Site of Action to Inhibit Tumor Growth. <i>Cancer Research</i> , 2016, 76, 1181-1192.	0.4	24
86	Calixarenes in Lipase Biocatalysis and Cancer Therapy. <i>Current Organic Chemistry</i> , 2016, 20, 1043-1057.	0.9	23
87	Leveraging NMR and X-ray Data of the Free Ligands to Build Better Drugs Targeting Angiotensin II Type 1 G-Protein Coupled Receptor. <i>Current Medicinal Chemistry</i> , 2015, 23, 36-59.	1.2	20
88	Rational Drug Design and Synthesis of Molecules Targeting the Angiotensin II Type 1 and Type 2 Receptors. <i>Molecules</i> , 2015, 20, 3868-3897.	1.7	36
89	Rosemary tea consumption results to anxiolytic- and anti-depressant-like behavior of adult male mice and inhibits all cerebral area and liver cholinesterase activity; phytochemical investigation and in silico studies. <i>Chemico-Biological Interactions</i> , 2015, 237, 47-57.	1.7	48
90	Methanolic extract of <i>Origanum vulgare</i> ameliorates type 1 diabetes through antioxidant, anti-inflammatory and anti-apoptotic activity. <i>British Journal of Nutrition</i> , 2015, 113, 770-782.	1.2	55

#	ARTICLE	IF	CITATIONS
91	Selective One-Dimensional Total Correlation Spectroscopy Nuclear Magnetic Resonance Experiments for a Rapid Identification of Minor Components in the Lipid Fraction of Milk and Dairy Products: Toward Spin Chromatography?. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5381-5387.	2.4	23
92	Investigation of the Interactions of Silibinin with 2-Hydroxypropyl- $\beta$ -cyclodextrin through Biophysical Techniques and Computational Methods. <i>Molecular Pharmaceutics</i> , 2015, 12, 954-965.	2.3	55
93	Accurate ab initio calculations of O $\delta^-$ -H $\delta^+$ and O $\delta^-$ -H $\delta^+$ proton chemical shifts: towards elucidation of the nature of the hydrogen bond and prediction of hydrogen bond distances. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8852-8868.	1.5	63
94	Regioselective chemical and rapid enzymatic synthesis of a novel redox active Antiproliferative molecular hybrid. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 47-57.	2.6	8
95	Preorganized composite material of polyaniline-palladium nanoparticles with high electrocatalytic activity to methanol and ethanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 6745-6753.	3.8	36
96	Involvement of angiotensin II type 2 receptor (AT2R) signaling in human pancreatic ductal adenocarcinoma (PDAC): a novel AT2R agonist effectively attenuates growth of PDAC grafts in mice. <i>Cancer Biology and Therapy</i> , 2015, 16, 307-316.	1.5	19
97	Understanding Zinc(II) Chelation with Quercetin and Luteolin: A Combined NMR and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2015, 119, 83-95.	1.2	68
98	DIA-DB: A Web-Accessible Database for the Prediction of Diabetes Drugs. <i>Lecture Notes in Computer Science</i> , 2015, , 655-663.	1.0	7
99	Pharmaceutical compositions for antihypertensive treatments: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 1305-17.	2.4	20
100	Rational Drug Design Paradigms: The Odyssey for Designing Better Drugs. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015, 18, 238-256.	0.6	8
101	Integrins and focal adhesion kinase in the malignant behavior of gliomas. <i>Neuroimmunology and Neuroinflammation</i> , 2015, 2, 4.	1.4	1
102	Microcystin LR Shows Cytotoxic Activity Against Pancreatic Cancer Cells Expressing the Membrane OATP1B1 and OATP1B3 Transporters. <i>Anticancer Research</i> , 2015, 35, 5857-65.	0.5	18
103	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.	1.8	43
104	On the Role of the Appended P19 Element in Type A RNAs of Bacterial RNase P. <i>Biochemistry</i> , 2014, 53, 1810-1817.	1.2	3
105	Direct Binding of Bcl-2 Family Proteins by Quercetin Triggers Its Pro-Apoptotic Activity. <i>ACS Chemical Biology</i> , 2014, 9, 2737-2741.	1.6	57
106	Dynamic changes in composition of extracts of natural products as monitored by <i>in situ</i> NMR. <i>Magnetic Resonance in Chemistry</i> , 2014, 52, 764-768.	1.1	6
107	The application of solid-state NMR spectroscopy to study candesartan cilexetil (TCV-116) membrane interactions. Comparative study with the AT1R antagonist drug olmesartan. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2439-2450.	1.4	16
108	Electronic Sculpting of Ligand-GPCR Subtype Selectivity: The Case of Angiotensin II. <i>ACS Chemical Biology</i> , 2014, 9, 1420-1425.	1.6	31

#	ARTICLE	IF	CITATIONS
109	A rapid and efficient method for the synthesis of selectively S-Trt or S-Mmt protected Cys-containing peptides. <i>Amino Acids</i> , 2014, 46, 1367-1376.	1.2	5
110	<sup>1</sup> H-NMR as a Structural and Analytical Tool of Intra- and Intermolecular Hydrogen Bonds of Phenol-Containing Natural Products and Model Compounds. <i>Molecules</i> , 2014, 19, 13643-13682.	1.7	145
111	Abstract 4606: Involvement of an angiotensin II type 2 receptor (AT2R) signalling in human pancreatic ductal adenocarcinoma (PDAC): a novel AT2R agonist effectively attenuates growth of PDAC grafts in mice. , 2014, , .		1
112	Phytochemical composition of "mountain tea" from <i>Sideritis clandestina</i> subsp. <i>clandestina</i> and evaluation of its behavioral and oxidant/antioxidant effects on adult mice. <i>European Journal of Nutrition</i> , 2013, 52, 107-116.	1.8	31
113	Investigation of solute-solvent interactions in phenol compounds: accurate ab initio calculations of solvent effects on <sup>1</sup> H NMR chemical shifts. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7400.	1.5	46
114	Side reactions in the SPPS of Cys-containing peptides. <i>Amino Acids</i> , 2013, 44, 1357-1363.	1.2	11
115	Olive Leaf Extracts Are a Natural Source of Advanced Glycation End Product Inhibitors. <i>Journal of Medicinal Food</i> , 2013, 16, 817-822.	0.8	46
116	Enzymatic hybridization of L-lipoic acid with bioactive compounds in ionic solvents. <i>Bioresource Technology</i> , 2013, 136, 41-48.	4.8	26
117	Hydrogen bonding probes of phenol -OH groups. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1013.	1.5	50
118	Phytochemical profile of <i>Rosmarinus officinalis</i> and <i>Salvia officinalis</i> extracts and correlation to their antioxidant and anti-proliferative activity. <i>Food Chemistry</i> , 2013, 136, 120-129.	4.2	263
119	Revisiting bleomycin from pathophysiology to safe clinical use. <i>Critical Reviews in Oncology/Hematology</i> , 2013, 87, 90-100.	2.0	86
120	Novel Oncology Therapeutics: Targeted Drug Delivery for Cancer. <i>Journal of Drug Delivery</i> , 2013, 2013, 1-5.	2.5	17
121	Targeting Antigens to Dendritic Cell Receptors for Vaccine Development. <i>Journal of Drug Delivery</i> , 2013, 2013, 1-22.	2.5	129
122	Tumor-Specific Expression of Organic Anion-Transporting Polypeptides: Transporters as Novel Targets for Cancer Therapy. <i>Journal of Drug Delivery</i> , 2013, 2013, 1-12.	2.5	91
123	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
124	Host- Pathogen Crosstalking: The Mastery of Taking the Helm of the Host. <i>Structure</i> , 2012, 20, 1613-1615.	1.6	3
125	Fine-tuning of the diffusion dimension of -OH groups for high resolution DOSY NMR applications in crude enzymatic transformations and mixtures of organic compounds. <i>Tetrahedron</i> , 2012, 68, 6887-6891.	1.0	16
126	Rapid and Direct Low Micromolar NMR Method for the Simultaneous Detection of Hydrogen Peroxide and Phenolics in Plant Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4508-4513.	2.4	30

#	ARTICLE	IF	CITATIONS
127	Unexpected enzyme-catalyzed regioselective acylation of flavonoid aglycones and rapid product screening. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1739.	1.5	46
128	Intrinsic Protein Disorder as a Drug Target in Oncology: Designing Drugs Targeting Plasticity. <i>Biochemistry &amp; Pharmacology: Open Access</i> , 2012, 01, .	0.2	0
129	Exploration of the Antiplatelet Activity Profile of Betulinic Acid on Human Platelets. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 6977-6983.	2.4	27
130	Recognition Pliability Is Coupled to Structural Heterogeneity: A Calmodulin Intrinsically Disordered Binding Region Complex. <i>Structure</i> , 2012, 20, 522-533.	1.6	51
131	Unprecedented Ultra-High-Resolution Hydroxy Group <sup>1</sup> H NMR Spectroscopic Analysis of Plant Extracts. <i>Journal of Natural Products</i> , 2011, 74, 2462-2466.	1.5	42
132	Expression of organic anion-transporting polypeptides 1B3, 1B1, and 1A2 in human pancreatic cancer reveals a new class of potential therapeutic targets. <i>OncoTargets and Therapy</i> , 2011, 4, 27.	1.0	23
133	Targeting Oncogenic Protein-Protein Interactions by Diversity Oriented Synthesis and Combinatorial Chemistry Approaches. <i>Molecules</i> , 2011, 16, 4408-4427.	1.7	20
134	Cyanobacterial Cyclopeptides as Lead Compounds to Novel Targeted Cancer Drugs. <i>Marine Drugs</i> , 2010, 8, 629-657.	2.2	68
135	Novel Imatinib Derivatives with Altered Specificity between BcrAbl and FMS, KIT, and PDGF Receptors. <i>ChemMedChem</i> , 2010, 5, 130-139.	1.6	17
136	Domain Architecture of the DRpp29 Protein and Its Interaction with the RNA Subunit of <i>Dictyostelium discoideum</i> RNase P. <i>Biochemistry</i> , 2010, 49, 10714-10727.	1.2	8
137	Structure and organization of drug-target networks: insights from genomic approaches for drug discovery. <i>Molecular BioSystems</i> , 2009, 5, 1536.	2.9	95
138	Current concerns and challenges regarding tailored anti-angiogenic therapy in cancer. <i>Expert Review of Anticancer Therapy</i> , 2009, 9, 1413-1416.	1.1	75
139	Structure of eIF3b RNA Recognition Motif and Its Interaction with eIF3j. <i>Journal of Biological Chemistry</i> , 2007, 282, 8165-8174.	1.6	53
140	A simple method for the alkaline hydrolysis of esters. <i>Tetrahedron Letters</i> , 2007, 48, 8230-8233.	0.7	121
141	Preparation of large RNA oligonucleotides with complementary isotope-labeled segments for NMR structural studies. <i>Nature Protocols</i> , 2007, 2, 2139-2147.	5.5	37
142	NMR TECHNIQUES FOR VERY LARGE PROTEINS AND RNAs IN SOLUTION. <i>Annual Review of Biophysics and Biomolecular Structure</i> , 2006, 35, 319-342.	18.3	95
143	Complementary Segmental Labeling of Large RNAs: An Economic Preparation and Simplified NMR Spectra for Measurement of More RDCs. <i>Journal of the American Chemical Society</i> , 2006, 128, 13344-13345.	6.6	22
144	The molecular basis for the selection of captopril cis and trans conformations by angiotensin I converting enzyme. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5084-5087.	1.0	13

#	ARTICLE	IF	CITATIONS
145	Domain-Selective Ligand-Binding Modes and Atomic Level Pharmacophore Refinement in Angiotensin I Converting Enzyme (ACE) Inhibitors. <i>ChemBioChem</i> , 2005, 6, 1089-1103.	1.3	25
146	Structure and Function of the Myelin Proteins: Current Status and Perspectives in Relation to Multiple Sclerosis. <i>Current Medicinal Chemistry</i> , 2005, 12, 1569-1587.	1.2	37
147	NMR and molecular dynamics studies of an autoimmune myelin basic protein peptide and its antagonist. <i>FEBS Journal</i> , 2004, 271, 3399-3413.	0.2	20
148	On the Structural Basis of the Hypertensive Properties of Angiotensin II: A Solved Mystery or a Controversial Issue?. <i>Current Topics in Medicinal Chemistry</i> , 2004, 4, 431-444.	1.0	20
149	Zinc binding in peptide models of angiotensin-I converting enzyme active sites studied through <sup>1</sup> H-NMR and chemical shift perturbation mapping. <i>Biopolymers</i> , 2003, 69, 244-252.	1.2	8
150	On the molecular basis of the recognition of angiotensin II (All). <i>FEBS Journal</i> , 2003, 270, 849-860.	0.2	33
151	Comparison of the solution structures of angiotensin I & II. <i>FEBS Journal</i> , 2003, 270, 2163-2173.	0.2	43
152	Structure-function discrimination of the N- and C- catalytic domains of human angiotensin-converting enzyme: implications for Cl- activation and peptide hydrolysis mechanisms. <i>Protein Engineering, Design and Selection</i> , 2003, 16, 993-1003.	1.0	40
153	Development of a new tetrafunctional hybrid to target cancer cells. , 0, , .		0