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**Multi-target therapeutics: when the whole is greater than the sum of the parts**

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874	Why should we use multifunctional neuroprotective and neurorestorative drugs for Parkinson's disease?. <b>2007</b> , 13 Suppl 3, S281-91		30
873	Distribution patterns of small-molecule ligands in the protein universe and implications for origin of life and drug discovery. <b>2007</b> , 8, R176		50
872	Combination drugs, an emerging option for antibacterial therapy. <b>2007</b> , 25, 547-55		147
871	How to design multi-target drugs. <b>2007</b> , 2, 799-808		112
870	The virtual human: towards a global systems biology of multiscale, distributed biochemical network models. <b>2007</b> , 59, 689-95		41
869	A classification model to predict synergism/antagonism of cytotoxic mixtures using protein-drug docking scores. <b>2008</b> , 8, 13		8
868	A global view of drug-therapy interactions. <b>2008</b> , 8, 5		66
867	How many traditional Chinese medicine components have been recognized by modern Western medicine? A chemoinformatic analysis and implications for finding multicomponent drugs. <i>ChemMedChem</i> , <b>2008</b> , 3, 233-6	3.7	30
866	Convergent evolution of medicines. <i>ChemMedChem</i> , <b>2008</b> , 3, 1169-71	3.7	7
865	Differential effects of chemotherapeutic drugs versus the MDM-2 antagonist nutlin-3 on cell cycle progression and induction of apoptosis in SKW6.4 lymphoblastoid B-cells. <b>2008</b> , 104, 595-605		6
864	Multivalency: the hallmark of antibodies used for optimization of tumor targeting by design. <b>2008</b> , 30, 904-18		92
863	In silico screening against wild-type and mutant Plasmodium falciparum dihydrofolate reductase. <b>2008</b> , 26, 1145-52		17
862	Knowledgebase for addiction-related genes: is it possible an extrapolation to rational multi-target drug design?. <b>2008</b> , 16, 9346-8		4

861	Recent developments on 3-hydroxy-4-pyridinones with respect to their clinical applications: Mono and combined ligand approaches. <b>2008</b> , 252, 1213-1224		47
860	Strategies to optimize the use of targeted agents for tumor therapy. <b>2008</b> , 6, 281-5		7
859	Strategien zur Optimierung des Einsatzes von targeted agents in der Tumorthherapie. <b>2008</b> , 6, ---		
858	An integrated platform of genomic assays reveals small-molecule bioactivities. <b>2008</b> , 4, 498-506		165
857	Network pharmacology: the next paradigm in drug discovery. <b>2008</b> , 4, 682-90		2255
856	Targeting and tinkering with interaction networks. <b>2008</b> , 4, 666-73		80
855	Combination chemical genetics. <b>2008</b> , 4, 674-81		142
854	Developing and applying a gene functional association network for anti-angiogenic kinase inhibitor activity assessment in an angiogenesis co-culture model. <b>2008</b> , 9, 264		17
853	Oleanolic acid derivative NPLC441 potently stimulates glucose transport in 3T3-L1 adipocytes via a multi-target mechanism. <b>2008</b> , 76, 1251-62		27
852	Human metabolic network reconstruction and its impact on drug discovery and development. <i>Drug Discovery Today</i> , <b>2008</b> , 13, 402-8	8.8	45
851	Protein kinases of malaria parasites: an update. <b>2008</b> , 24, 570-7		92
850	Carnitine in metabolic disease: potential for pharmacological intervention. <b>2008</b> , 120, 149-56		60
849	Finding multiple target optimal intervention in disease-related molecular network. <b>2008</b> , 4, 228		143
848	Drugging the Plasmodium kinome: the benefits of academia-industry synergy. <b>2008</b> , 29, 241-9		36
847	Yeast chemical genomics and drug discovery: an update. <b>2008</b> , 29, 499-504		77
846	The Discovery and Development of Pharmacotherapy for Psychiatric Disorders: A Critical Survey of Animal and Translational Models and Perspectives for Their Improvement. <b>2008</b> , 1-57		3
845	Drug-eluting polymer implants in cancer therapy. <b>2008</b> , 5, 775-88		43
844	Efficacy and safety of a novel synergistic drug candidate, CRx-102, in hand osteoarthritis. <b>2008</b> , 67, 942-8		40

843	Search algorithms as a framework for the optimization of drug combinations. <b>2008</b> , 4, e1000249	71
842	Reverse Pharmacology and Systems Approaches for Drug Discovery and Development. <b>2008</b> , 4, 201-212	54
841	Winning the asymmetric war: new strategies for combating antibacterial resistance. <b>2008</b> , 3, 119-23	4
840	High-order combination effects and biological robustness. <b>2008</b> , 4, 215	79
839	New Insights for Multifactorial Disease Therapy: The Challenge of the Symbiotic Drugs. <b>2008</b> , 3, 1-13	16
838	Synergy: an old wisdom, a new paradigm for pharmacotherapy. <b>2009</b> , 45, 371-378	14
837	Functional antagonism of IL-1alpha induced gene expression profiles define the cAMP/PKA pathway as a unique regulator of IL-1alpha signaling networks. <b>2009</b> , 29, 246-56	1
836	Targeting multiple kinases in glioblastoma multiforme. <b>2009</b> , 18, 277-92	36
835	An essential role for the Plasmodium Nek-2 Nima-related protein kinase in the sexual development of malaria parasites. <b>2009</b> , 284, 20858-68	76
834	Chemogenomic profiling predicts antifungal synergies. <b>2009</b> , 5, 338	57
833	Drug discovery using chemical systems biology: identification of the protein-ligand binding network to explain the side effects of CETP inhibitors. <b>2009</b> , 5, e1000387	200
832	HIV-host interactions: a map of viral perturbation of the host system. <b>2009</b> , 23, 549-54	69
831	Novel opportunities for computational biology and sociology in drug discovery. <b>2009</b> , 27, 531-40	9
830	. <b>2009</b> , 4, 77-91	35
829	Where is the hope for drug discovery? Let history tell the future. <i>Drug Discovery Today</i> , <b>2009</b> , 14, 115-9	8.8 111
828	Traditional medicine-inspired approaches to drug discovery: can Ayurveda show the way forward?. <i>Drug Discovery Today</i> , <b>2009</b> , 14, 804-11	8.8 223
827	Anticancer drug discovery in the future: an evolutionary perspective. <i>Drug Discovery Today</i> , <b>2009</b> , 14, 1136-42	8.8 67
826	Models for prevention and treatment of cancer: problems vs promises. <b>2009</b> , 78, 1083-94	117

825	Pathway sensitivity analysis for detecting pro-proliferation activities of oncogenes and tumor suppressors of epidermal growth factor receptor-extracellular signal-regulated protein kinase pathway at altered protein levels. <b>2009</b> , 115, 4246-63		7
824	Iron behaving badly: inappropriate iron chelation as a major contributor to the aetiology of vascular and other progressive inflammatory and degenerative diseases. <b>2009</b> , 2, 2		349
823	Natural products and drug discovery. Can thousands of years of ancient medical knowledge lead us to new and powerful drug combinations in the fight against cancer and dementia?. <b>2009</b> , 10, 194-200		406
822	Synergistic drug combinations tend to improve therapeutically relevant selectivity. <b>2009</b> , 27, 659-66		650
821	Mechanisms of drug combinations: interaction and network perspectives. <b>2009</b> , 8, 111-28		603
820	Dual- and triple-acting agents for treating core and co-morbid symptoms of major depression: novel concepts, new drugs. <b>2009</b> , 6, 53-77		155
819	Diffusion-driven device for a high-resolution dose-response profiling of combination chemotherapy. <b>2009</b> , 81, 5233-40		3
818	Selective antagonism of anticancer drugs for side-effect removal. <b>2009</b> , 30, 403-10		19
817	From molecules to systems: the importance of looking both ways. <b>2009</b> , 40, 54-64		31
816	Do biologically relevant compounds have more chance to be drugs?. <b>2009</b> , 49, 2376-81		17
815	Interactions of Bioactive Plant Metabolites: Synergism, Antagonism, and Additivity. <b>2009</b> , 213-230		3
814	Neglected tropical diseases: multi-target-directed ligands in the search for novel lead candidates against Trypanosoma and Leishmania. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 7339-59	8.3	179
813	Discovery of New Medicines. 1-80		2
812	Structure and organization of drug-target networks: insights from genomic approaches for drug discovery. <b>2009</b> , 5, 1536-48		82
811	Translational disease interpretation with molecular networks. <b>2009</b> , 10, 221		17
810	Network strategies to understand the aging process and help age-related drug design. <b>2009</b> , 1, 90		30
809	Selective amplification of glucocorticoid anti-inflammatory activity through synergistic multi-target action of a combination drug. <b>2009</b> , 11, R12		41
808	Recent Advances in Plant Biotechnology. <b>2009</b> ,		9

807	Promise and challenges in drug discovery and development of hybrid anticancer drugs. <b>2009</b> , 4, 1099-1111	127
806	How In-Silico Experiments Can Help Drug-Discovery: The Glutamatergic Synapse as an Example of Application. <b>2009</b> ,	
805	Building a drug-target network and its applications. <b>2009</b> , 4, 1177-89	22
804	Drug discovery using chemical systems biology: repositioning the safe medicine Comtan to treat multi-drug and extensively drug resistant tuberculosis. <b>2009</b> , 5, e1000423	234
803	Towards a unifying, systems biology understanding of large-scale cellular death and destruction caused by poorly liganded iron: Parkinson's, Huntington's, Alzheimer's, prions, bactericides, chemical toxicology and others as examples. <b>2010</b> , 84, 825-89	292
802	Pteridine-sulfonamide conjugates as dual inhibitors of carbonic anhydrases and dihydrofolate reductase with potential antitumor activity. <b>2010</b> , 18, 5081-9	46
801	Diseases as network perturbations. <b>2010</b> , 21, 566-71	136
800	Anti-angiogenic potential of small molecular inhibitors of cyclin dependent kinases in vitro. <b>2010</b> , 13, 239-49	18
799	Computational network pharmacological research of Chinese medicinal plants for chronic kidney disease. <b>2010</b> , 53, 2337-2342	6
798	Emerging trends at the interface of chemistry and biology: Applications to the design of human therapeutics. <b>2010</b> , 122, 97-107	
797	Novel opportunities for computational biology and sociology in drug discovery. <b>2010</b> , 28, 161-70	17
796	Protection of p53 wild type cells from taxol by nutlin-3 in the combined lung cancer treatment. <b>2010</b> , 10, 57	24
795	Confidence from uncertainty--a multi-target drug screening method from robust control theory. <b>2010</b> , 4, 161	13
794	The therapeutic prospects of using L-carnitine to manage hypertension-related organ damage. <i>Drug Discovery Today</i> , <b>2010</b> , 15, 484-92	8.8 23
793	Co-encapsulation of anti-BCR-ABL siRNA and imatinib mesylate in transferrin receptor-targeted sterically stabilized liposomes for chronic myeloid leukemia treatment. <b>2010</b> , 107, 884-93	37
792	Multifunctional nanoscale platforms for targeting of the cancer cell immortality spectrum. <b>2010</b> , 31, 202-16	4
791	Chemical probes of Escherichia coli uncovered through chemical-chemical interaction profiling with compounds of known biological activity. <b>2010</b> , 17, 852-62	52
790	Conjugates of betulin derivatives with AZT as potent anti-HIV agents. <b>2010</b> , 18, 6451-69	25

789	Interactions of antioxidants isolated from tart cherry ( <i>Prunus cerasus</i> ) fruits. <b>2010</b> , 122, 78-83	58
788	Systems approaches and algorithms for discovery of combinatorial therapies. <b>2010</b> , 2, 181-193	70
787	Complementary medicinal chemistry-driven strategies toward new antitrypanosomal and antileishmanial lead drug candidates. <b>2010</b> , 58, 51-60	27
786	Targeting non-malignant disorders with tyrosine kinase inhibitors. <b>2010</b> , 9, 956-70	102
785	Using effective subnetworks to predict selected properties of gene networks. <b>2010</b> , 5, e13080	4
784	Why do we need multifunctional neuroprotective and neurorestorative drugs for Parkinson's and Alzheimer's diseases as disease modifying agents. <b>2010</b> , 19, 1-14	32
783	Update of TTD: Therapeutic Target Database. <b>2010</b> , 38, D787-91	190
782	Identification of synergistic combinations of F508del cystic fibrosis transmembrane conductance regulator (CFTR) modulators. <b>2010</b> , 8, 669-84	15
781	Biologically Active Compounds in Food Products and Their Effects on Obesity and Diabetes. <b>2010</b> , 509-545	5
780	Random matrix analysis of localization properties of gene coexpression network. <b>2010</b> , 81, 046118	32
779	Optimization of a Yellow fluorescent protein-based iodide influx high-throughput screening assay for cystic fibrosis transmembrane conductance regulator (CFTR) modulators. <b>2010</b> , 8, 656-68	10
778	Protein-protein interaction network evaluation for identifying potential drug targets. <b>2010</b> , 17, 669-84	24
777	Identification of bioactive natural products by pharmacophore-based virtual screening. <b>2010</b> , 16, 1666-81	49
776	Why do we need multifunctional neuroprotective and neurorestorative drugs for Parkinson's and Alzheimer's disorders?. <b>2010</b> , 1, e0011	5
775	Design, synthesis, biological properties, and molecular modeling investigations of novel tacrine derivatives with a combination of acetylcholinesterase inhibition and cannabinoid CB1 receptor antagonism. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 1338-46	8.3 50
774	Unveiling the role of network and systems biology in drug discovery. <b>2010</b> , 31, 115-23	281
773	Personalized medicine: the impact on chemistry. <b>2010</b> , 1, 651-65	6
772	Antidiabetic effect of <i>Dodonaea viscosa</i> aerial parts in high fat diet and low dose streptozotocin-induced type 2 diabetic rats: a mechanistic approach. <b>2010</b> , 48, 1137-48	33

771	A new class of naphthalimide-based antitumor agents that inhibit topoisomerase II and induce lysosomal membrane permeabilization and apoptosis. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 2589-600 <sup>8.3</sup>	136
770	Efficient combinatorial drug optimization through stochastic search. <b>2011</b> ,	1
769	Parsimonious discovery of synergistic drug combinations. <b>2011</b> , 6, 1391-8	19
768	Effective models of periodically driven networks. <b>2011</b> , 101, 2563-71	3
767	Dual-vectors of anti-cancer drugs and genes based on pH-sensitive micelles self-assembled from hybrid polypeptide copolymers. <b>2011</b> , 21, 3100	41
766	Molecular docking and pharmacophore filtering in the discovery of dual-inhibitors for human leukotriene A4 hydrolase and leukotriene C4 synthase. <b>2011</b> , 51, 33-44	34
765	Metabonomic study of Chinese medicine Shuanglong formula as an effective treatment for myocardial infarction in rats. <b>2011</b> , 10, 790-9	94
764	Drug discovery using chemical systems biology: weak inhibition of multiple kinases may contribute to the anti-cancer effect of nelfinavir. <b>2011</b> , 7, e1002037	126
763	Virtual and In vitro bioassay screening of phytochemical inhibitors from flavonoids and isoflavones against Xanthine oxidase and Cyclooxygenase-2 for gout treatment. <b>2011</b> , no-no	
762	Systematic exploration of synergistic drug pairs. <b>2011</b> , 7, 544	213
761	Metronomic scheduling of anticancer treatment: the next generation of multitarget therapy?. <b>2011</b> , 7, 385-94	38
760	Modeling synergistic drug inhibition of Mycobacterium tuberculosis growth in murine macrophages. <b>2011</b> , 7, 2622-36	11
759	Multimodal drugs and their future for Alzheimer's and Parkinson's disease. <b>2011</b> , 100, 107-25	20
758	Relieving autophagy and 4EBP1 from rapamycin resistance. <b>2011</b> , 31, 2867-76	72
757	Using neural networks to determine the contribution of danshensu to its multiple cardiovascular activities in acute myocardial infarction rats. <b>2011</b> , 138, 126-34	16
756	An in vitro synergetic evaluation of the use of nisin and sodium fluoride or chlorhexidine against <i>Streptococcus mutans</i> . <b>2011</b> , 32, 2021-6	30
755	The emergence of designed multiple ligands for neurodegenerative disorders. <b>2011</b> , 94, 347-59	74
754	Mitochondrial pathway mediates the antileukemic effects of <i>Hemidesmus indicus</i> , a promising botanical drug. <b>2011</b> , 6, e21544	28



753	Multi-target-directed ligands as innovative tools to combat trypanosomatid diseases. <i>Current Topics in Medicinal Chemistry</i> , <b>2011</b> , 11, 2824-33	3	12
752	Imaging enabled platforms for development of therapeutics. <b>2011</b> ,		
751	Probing the links between in vitro potency, ADMET and physicochemical parameters. <b>2011</b> , 10, 197-208		333
750	Multifunctional drugs as novel antidotes for organophosphates' poisoning. <b>2011</b> , 290, 149-55		20
749	Evaluation of the direct and indirect response of blood leukocytes to carbon nanotubes (CNTs). <b>2011</b> , 7, 983-91		24
748	Structure-based systems biology for analyzing off-target binding. <b>2011</b> , 21, 189-99		116
747	Pharma-nutrition interface: the gap is narrowing. <b>2011</b> , 651, 1-8		50
746	Synthetic lethality: general principles, utility and detection using genetic screens in human cells. <b>2011</b> , 585, 1-6		196
745	Twice switched at birth: cell cycle-independent roles of the "neuron-specific" cyclin-dependent kinase 5 (Cdk5) in non-neuronal cells. <b>2011</b> , 23, 1698-707		37
744	Multifaceted preventive effects of single agent quercetin on a human prostate adenocarcinoma cell line (PC-3): implications for nutritional transcriptomics and multi-target therapy. <b>2011</b> , 28, 1395-404		23
743	Combined analgesics in (headache) pain therapy: shotgun approach or precise multi-target therapeutics?. <b>2011</b> , 11, 43		27
742	A community effort towards a knowledge-base and mathematical model of the human pathogen <i>Salmonella Typhimurium</i> LT2. <b>2011</b> , 5, 8		105
741	Network target for screening synergistic drug combinations with application to traditional Chinese medicine. <b>2011</b> , 5 Suppl 1, S10		236
740	A network-based biomarker approach for molecular investigation and diagnosis of lung cancer. <b>2011</b> , 4, 2		64
739	Enhanced stochastic optimization algorithm for finding effective multi-target therapeutics. <i>BMC Bioinformatics</i> , <b>2011</b> , 12 Suppl 1, S18	3.6	20
738	Design and synthesis of novel dual-action compounds targeting the adenosine A(2A) receptor and adenosine transporter for neuroprotection. <i>ChemMedChem</i> , <b>2011</b> , 6, 1390-400	3.7	20
737	A novel screening model for the molecular drug for diabetes and obesity based on tyrosine phosphatase Shp2. <b>2011</b> , 21, 874-8		13
736	Curcumin analogues as possible anti-proliferative & anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 2722-35	6.8	66

735	Optimizing cancer pharmacotherapeutics using mathematical modeling and a systems biology approach. <b>2011</b> , 8, 271-286		10
734	Network connectivity during mergers and growth: optimizing the addition of a module. <b>2011</b> , 83, 066112		11
733	Exploring drug combinations in a drug-cocktail network. <b>2011</b> ,		2
732	Auranofin protects against anthrax lethal toxin-induced activation of the Nlrp1b inflammasome. <b>2011</b> , 55, 1028-35		24
731	Efficient discovery of anti-inflammatory small-molecule combinations using evolutionary computing. <b>2011</b> , 7, 902-8		52
730	A high-throughput fully-automated microfluidic live cell array for combination drug treatment analysis of colorectal cancer cells. <b>2011</b> ,		
729	Application of Fuzzy c-Means and Joint-Feature-Clustering to Detect Redundancies of Image-Features in Drug Combinations Studies of Breast Cancer. <b>2011</b> ,		1
728	A systems biology approach to uncovering pharmacological synergy in herbal medicines with applications to cardiovascular disease. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 519031	2.3	46
727	Fundamental technologies for antibody engineering. <b>2012</b> , 57-595		
726	Synergy study of the inhibitory potential of red wine polyphenols on vascular smooth muscle cell proliferation. <b>2012</b> , 78, 772-8		36
725	Sources of antibody variable chains. <b>2012</b> , 77-595		
724	Development issues: antibody stability, developability, immunogenicity, and comparability. <b>2012</b> , 377-595		5
723	EFFECTIVE MODELS FOR GENE NETWORKS AND THEIR APPLICATIONS. <b>2012</b> , 07, 41-70		4
722	Therapeutic antibody classes. <b>2012</b> , 197-595		1
721	Monoclonal antibody targets and mechanisms of action. <b>2012</b> , 163-595		1
720	Cell line development. <b>2012</b> , 421-595		1
719	Introduction to biologics and monoclonal antibodies. <b>2012</b> , 1-595		2
718	Value proposition for therapeutic monoclonal antibodies and Fc fusion proteins. <b>2012</b> , 15-595		

717	Antibody Fc engineering for optimal antibody performance. <b>2012</b> , 225-595		
716	Strategies and techniques for multi-component drug design from medicinal herbs and traditional Chinese medicine. <i>Current Topics in Medicinal Chemistry</i> , <b>2012</b> , 12, 1356-62	3	90
715	Antibody structure-function relationships. <b>2012</b> , 37-595		
714	Issues facing therapeutic monoclonal antibodies for the future. <b>2012</b> , 439-595		1
713	Therapeutic target database update 2012: a resource for facilitating target-oriented drug discovery. <b>2012</b> , 40, D1128-36		359
712	Antibody-drug conjugates. <b>2012</b> , 345-595		2
711	Targeted lipid-based systems for siRNA delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2012</b> , 22, 65-73	4-5	3
710	Antibody interactions with the immune system. <b>2012</b> , 131-595		
709	IgG glycans and glyco-engineering. <b>2012</b> , 251-595		
708	Antibody fragments as therapeutics. <b>2012</b> , 265-595		1
707	Multiple antibody and multi-specificity approaches. <b>2012</b> , 299-595		
706	FcFPs and similar constructs using Fc. <b>2012</b> , 329-595		
705	Interactions of human IgGs with non-human systems. <b>2012</b> , 405-595		
704	Variable chain engineering [humanization and optimization approaches. <b>2012</b> , 111-595		
703	Multitarget Drugs for Stabilization of Calcium Cycling and Neuroprotection in Neurodegenerative Diseases and Stroke. <b>2012</b> , 123-200		2
702	Identification of unique synergistic drug combinations associated with downexpression of survivin in a preclinical breast cancer model system. <b>2012</b> , 23, 272-9		14
701	Mechanistic and functional differentiation of tapentadol and tramadol. <b>2012</b> , 13, 1437-49		107
700	Introduction. <b>2012</b> , P011-P014		

699	Yeast Genomics Technique for High-Throughput Drug Target Discovery. <b>2012</b> , 73, 398-405		1
698	Drug-target interaction prediction by random walk on the heterogeneous network. <b>2012</b> , 8, 1970-8		331
697	Modular pharmacology: the next paradigm in drug discovery. <b>2012</b> , 7, 667-77		38
696	Introduction: The Case for Polypharmacology. <b>2012</b> , 1-6		1
695	Enhanced anti-influenza agents conjugated with anti-inflammatory activity. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 8493-501	8.3	24
694	Identification and characterization of carprofen as a multitarget fatty acid amide hydrolase/cyclooxygenase inhibitor. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 8807-26	8.3	58
693	Combining galantamine and memantine in multitargeted, new chemical entities potentially useful in Alzheimer's disease. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 9708-21	8.3	106
692	A case study of single-pill combination therapy: the ezetimibe/simvastatin combination for treatment of hyperlipidemia. <i>ChemMedChem</i> , <b>2012</b> , 7, 1882-94	3.7	3
691	An update on the strategies in multicomponent activity monitoring within the phytopharmaceutical field. <b>2012</b> , 12, 18		13
690	Advancing cancer drug discovery towards more agile development of targeted combination therapies. <b>2012</b> , 4, 87-105		17
689	Targeting the DNA-topoisomerase complex in a double-strike approach with a topoisomerase inhibiting moiety and covalent DNA binder. <b>2012</b> , 48, 4839-41		125
688	Predicting the Polypharmacology of Drugs: Identifying New Uses through Chemoinformatics, Structural Informatics, and Molecular Modeling-Based Approaches. <b>2012</b> , 163-205		4
687	Systematic Phenotypic Screening for Novel Synergistic Combinations: A New Paradigm for Repositioning Existing Drugs. <b>2012</b> , 207-252		1
686	Adaptive reference update (ARU) algorithm. A stochastic search algorithm for efficient optimization of multi-drug cocktails. <b>2012</b> , 13 Suppl 6, S12		4
685	The serum metabolomic study of intervention effects of the traditional Chinese medicine Shexiang Baoxin Pill and a multi-component medicine polypill in the treatment of myocardial infarction in rats. <b>2012</b> , 8, 2434-42		41
684	Structure-activity relationships of targeted Rull( $\beta$ -p-cymene) anticancer complexes with flavonol-derived ligands. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 10512-22	8.3	119
683	Cancer classification: Mutual information, target network and strategies of therapy. <b>2012</b> , 2, 16		6
682	Core site-moiety maps reveal inhibitors and binding mechanisms of orthologous proteins by screening compound libraries. <b>2012</b> , 7, e32142		19

681	RAD001 enhances the potency of BEZ235 to inhibit mTOR signaling and tumor growth. <b>2012</b> , 7, e48548		24
680	Exploring the molecular basis of antifungal synergies using genome-wide approaches. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 115	5.7	13
679	Section summary and perspectives: Translational medicine in neurology. 253-260		
678	The Multi-Target Drug Design Era is Here, Consider it. <b>2012</b> , 1,		8
677	Essential CNS drug development [pre-clinical development. 31-54		
676	Rational approaches to improving selectivity in drug design. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 1424-44	8.3	189
675	Application of QSAR for Scaffold Hopping and Lead Optimization in Multitarget Inhibitors. <b>2012</b> , 31, 473-90		18
674	Plants as sources of new antimicrobials and resistance-modifying agents. <b>2012</b> , 29, 1007-21		293
673	Selecting against antibiotic-resistant pathogens: optimal treatments in the presence of commensal bacteria. <b>2012</b> , 74, 908-34		13
672	Antidiabetic effect of <i>Ficus racemosa</i> Linn. stem bark in high-fat diet and low-dose streptozotocin-induced type 2 diabetic rats: a mechanistic study. <b>2012</b> , 132, 186-93		76
671	A series of case studies: practical methodology for identifying antinociceptive multi-target drugs. <i>Drug Discovery Today</i> , <b>2012</b> , 17, 425-34	8.8	35
670	Determining the mode of action of bioactive compounds. <b>2012</b> , 20, 1929-39		17
669	Chemical-genomic profiling: systematic analysis of the cellular targets of bioactive molecules. <b>2012</b> , 20, 1952-60		33
668	The drug cocktail network. <b>2012</b> , 6 Suppl 1, S5		24
667	Scientific discovery as a combinatorial optimisation problem: how best to navigate the landscape of possible experiments?. <b>2012</b> , 34, 236-44		34
666	Novel anti-cancer compounds for developing combinatorial therapies to target anoikis-resistant tumors. <b>2012</b> , 29, 621-36		14
665	Recent advances in the multitarget-directed ligands approach for the treatment of Alzheimer's disease. <b>2013</b> , 33, 139-89		344
664	Protein interaction networks as starting points to identify novel antimicrobial drug targets. <b>2013</b> , 16, 566-72		37

663	Effects of multikinase inhibitors on pressure overload-induced right ventricular remodeling. <b>2013</b> , 167, 2630-7		29
662	Virtual and in vitro bioassay screening of phytochemical inhibitors from flavonoids and isoflavones against xanthine oxidase and cyclooxygenase-2 for gout treatment. <b>2013</b> , 81, 537-44		26
661	Comparative drug pair screening across multiple glioblastoma cell lines reveals novel drug-drug interactions. <b>2013</b> , 15, 1469-78		19
660	Exploring the chemical space of multitarget ligands using aligned self-organizing maps. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4, 1169-72	4.3	30
659	Predicting effective drug combinations via network propagation. <b>2013</b> ,		1
658	c-Jun N-terminal kinase in synergistic neurite outgrowth in PC12 cells mediated through P90RSK. <b>2013</b> , 14, 153		6
657	Multimodal delivery of irinotecan from microparticles with two distinct compartments. <b>2013</b> , 172, 239-245		39
656	Network-based drug discovery by integrating systems biology and computational technologies. <b>2013</b> , 14, 491-505		80
655	[Caffeine in analgesics--myth or medicine?]. <b>2013</b> , 155 Suppl 4, 109-14		0
654	Drug repositioning by structure-based virtual screening. <b>2013</b> , 42, 2130-41		154
653	Topotecan and doxorubicin combination to treat recurrent ovarian cancer: the influence of drug exposure time and delivery systems to achieve optimum therapeutic activity. <b>2013</b> , 19, 865-77		18
652	Understanding synergy. <b>2013</b> , 304, E237-53		92
651	Enzyme inhibition by metal complexes: concepts, strategies and applications. <b>2013</b> , 4, 1410		166
650	Feasibility of using molecular docking-based virtual screening for searching dual target kinase inhibitors. <b>2013</b> , 53, 982-96		25
649	Immobilized magnetic beads based multi-target affinity selection coupled with high performance liquid chromatography-mass spectrometry for screening anti-diabetic compounds from a Chinese medicine "Tang-Zhi-Qing". <b>2013</b> , 78-79, 190-201		43
648	Structure and dynamics of molecular networks: a novel paradigm of drug discovery: a comprehensive review. <b>2013</b> , 138, 333-408		604
647	Target- and mechanism-based therapeutics for neurodegenerative diseases: strength in numbers. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 3121-47	8.3	102
646	Finding novel pharmaceuticals in the systems biology era using multiple effective drug targets, phenotypic screening and knowledge of transporters: where drug discovery went wrong and how to fix it. <b>2013</b> , 280, 5957-80		84

645	Design and synthesis of dual-action inhibitors targeting histone deacetylases and 3-hydroxy-3-methylglutaryl coenzyme A reductase for cancer treatment. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 3645-55	8.3	61
644	A Chloro-Bridged Heterobimetallic ( $\beta$ -Arene)ruthenium Organotin Complex as an Efficient Topoisomerase II Inhibitor. <b>2013</b> , 32, 2546-2551		37
643	Genetics and iron in the systems biology of Parkinson's disease and some related disorders. <b>2013</b> , 62, 637-52		53
642	Systems pharmacology uncovers Janus functions of botanical drugs: activation of host defense system and inhibition of influenza virus replication. <b>2013</b> , 5, 351-71		51
641	Design and synthesis of novel 4-(4-oxo-2-arylthiazolidin-3-yl)benzenesulfonamides as selective inhibitors of carbonic anhydrase IX over I and II with potential anticancer activity. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 66, 372-9	6.8	27
640	A ROS-mediated lysosomal-mitochondrial pathway is induced by a novel Amonafide analogue, 7c, in human Hela cervix carcinoma cells. <b>2013</b> , 333, 229-38		21
639	Anti-diabetic activities of Gegen Qinlian Decoction in high-fat diet combined with streptozotocin-induced diabetic rats and in 3T3-L1 adipocytes. <b>2013</b> , 20, 221-9		50
638	Development of a chimeric c-Src kinase and HDAC inhibitor. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4, 779-783	4.3	37
637	Organometallic anticancer complexes of lapachol: metal centre-dependent formation of reactive oxygen species and correlation with cytotoxicity. <b>2013</b> , 49, 3348-50		116
636	Multicomponent phytotherapeutic approach gaining momentum: Is the "one drug to fit all" model breaking down?. <b>2013</b> , 21, 1-14		61
635	Network pharmacology-based prediction of the multi-target capabilities of the compounds in Taohong Siwu decoction, and their application in osteoarthritis. <b>2013</b> , 6, 125-132		22
634	Hydroxamic acid derivatives: pleiotropic HSP co-inducers restoring homeostasis and robustness. <b>2013</b> , 19, 309-46		48
633	Anti-Diabetic Activities of Jiaotaiwan in db/db Mice by Augmentation of AMPK Protein Activity and Upregulation of GLUT4 Expression. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 180721	2.3	12
632	eNOS Promoter Activation by Red Wine Polyphenols: an Interaction Study. <b>2013</b> , 60, 27-33		4
631	A Module Analysis Approach to Investigate Molecular Mechanism of TCM Formula: A Trial on Shu-feng-jie-du Formula. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 731370	2.3	14
630	Controllability in cancer metabolic networks according to drug targets as driver nodes. <b>2013</b> , 8, e79397		44
629	Prediction of effective drug combinations by chemical interaction, protein interaction and target enrichment of KEGG pathways. <b>2013</b> , 2013, 723780		24
628	Systematic approach for analyzing drug combination by using target-enzyme distance. <b>2013</b> , 5, 1-7		

627	An NMR metabolomics investigation of perturbations after treatment with Chinese herbal medicine formula in an experimental model of sepsis. <b>2013</b> , 17, 252-8		7
626	Use of Nanotechnology to Develop Multi-Drug Inhibitors For Cancer Therapy. <b>2013</b> , 4,		38
625	Novel phytochemical-antibiotic conjugates as multitarget inhibitors of <i>Pseudomonas aeruginosa</i> GyrB/ParE and DHFR. <b>2013</b> , 7, 449-75		7
624	Hybrid-drug design targeting <i>Pseudomonas aeruginosa</i> dihydropteroate synthase and dihydrofolate reductase. <b>2013</b> , 5, 864-82		4
623	An innovative strategy for dual inhibitor design and its application in dual inhibition of human thymidylate synthase and dihydrofolate reductase enzymes. <b>2013</b> , 8, e60470		36
622	A network pharmacology study of Chinese medicine QiShenYiQi to reveal its underlying multi-compound, multi-target, multi-pathway mode of action. <b>2014</b> , 9, e95004		77
621	A hadoop-based method to predict potential effective drug combination. <b>2014</b> , 2014, 196858		20
620	Network pharmacology strategies toward multi-target anticancer therapies: from computational models to experimental design principles. <b>2014</b> , 20, 23-36		86
619	Combination therapy: the propitious rationale for drug development. <b>2014</b> , 17, 53-67		18
618	Mathematical modeling of multi-drugs therapy: a challenge for determining the optimal combinations of antiviral drugs. <b>2014</b> , 11, 41		23
617	Homopharma: a new concept for exploring the molecular binding mechanisms and drug repurposing. <b>2014</b> , 15 Suppl 9, S8		6
616	Production of IL-1 $\beta$ by bone marrow-derived macrophages in response to chemotherapeutic drugs: synergistic effects of doxorubicin and vincristine. <b>2014</b> , 15, 1395-403		28
615	An improved isoprenylcysteine carboxylmethyltransferase inhibitor induces cancer cell death and attenuates tumor growth in vivo. <b>2014</b> , 15, 1280-91		45
614	Quantitative phenotypic and pathway profiling guides rational drug combination strategies. <i>Frontiers in Pharmacology</i> , <b>2014</b> , 5, 118	5.6	18
613	How drugs get into cells: tested and testable predictions to help discriminate between transporter-mediated uptake and lipoidal bilayer diffusion. <i>Frontiers in Pharmacology</i> , <b>2014</b> , 5, 231	5.6	114
612	Simulations suggest pharmacological methods for rescuing long-term potentiation. <b>2014</b> , 360, 243-250		10
611	A diverse stochastic search algorithm for combination therapeutics. <b>2014</b> , 2014, 873436		4
610	Potential therapeutic strategies for Alzheimer's disease targeting or beyond $\beta$ amyloid: insights from clinical trials. <b>2014</b> , 2014, 837157		45



609	Pharmaceutical Nanotechnology: Overcoming Drug Delivery Challenges in Contemporary Medicine. <b>2014</b> , 191-236		
608	An in silico target identification using Boolean network attractors: Avoiding pathological phenotypes. <b>2014</b> , 337, 661-78		9
607	Nanomedicine. <b>2014</b> ,		14
606	A pragmatic definition of therapeutic synergy suitable for clinically relevant in vitro multicomponent analyses. <b>2014</b> , 13, 1964-76		13
605	Bacterial responses to antibiotics and their combinations. <b>2014</b> , 6, 545-57		19
604	TORC1 and class I HDAC inhibitors synergize to suppress mature B cell neoplasms. <b>2014</b> , 8, 261-72		19
603	Design, synthesis and evaluation of novel diaryl urea derivatives as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 77, 351-60	6.8	14
602	Metabolomics and systems pharmacology: why and how to model the human metabolic network for drug discovery. <i>Drug Discovery Today</i> , <b>2014</b> , 19, 171-82	8.8	122
601	Mathematical modeling in cancer drug discovery. <i>Drug Discovery Today</i> , <b>2014</b> , 19, 145-50	8.8	44
600	Evaluation of the best method to assess antibiotic potentiation by phytochemicals against <i>Staphylococcus aureus</i> . <b>2014</b> , 79, 125-34		15
599	Double-edged swords as cancer therapeutics: novel, orally active, small molecules simultaneously inhibit p53-MDM2 interaction and the NF- $\kappa$ B pathway. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 567-77	8.3	36
598	Modular analysis of bioinformatics demonstrates a critical role for NF- $\kappa$ B in macrophage activation. <b>2014</b> , 37, 1240-53		8
597	Design, synthesis, and evaluation of novel heteroaromatic analogs of curcumin as anti-cancer agents. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 75, 123-31	6.8	37
596	De novo design of multitarget ligands with an iterative fragment-growing strategy. <b>2014</b> , 54, 1235-41		40
595	A preclinical evaluation of a novel multikinase inhibitor, SKLB-329, as a therapeutic agent against hepatocellular carcinoma. <b>2014</b> , 135, 2972-83		16
594	Systems pharmacology strategies for drug discovery and combination with applications to cardiovascular diseases. <b>2014</b> , 151, 93-107		51
593	BioGPS: The Music for the Chemo- and Bioinformatics Walzer. <b>2014</b> , 33, 446-53		7
592	On subclasses of opioid analgesics. <b>2014</b> , 30, 2579-84		13

591	INGOT: Towards network-driven in silico combination therapy. <b>2014</b> ,		
590	Computational analysis of image-based drug profiling predicts synergistic drug combinations: applications in triple-negative breast cancer. <b>2014</b> , 8, 1548-60		12
589	8-Benzyltetrahydropyrazino[2,1-f]purinediones: water-soluble tricyclic xanthine derivatives as multitarget drugs for neurodegenerative diseases. <i>ChemMedChem</i> , <b>2014</b> , 9, 1704-24	3.7	18
588	Metabonomic study of chronic heart failure and effects of Chinese herbal decoction in rats. <b>2014</b> , 1362, 89-101		31
587	Combination screening of synthetic drugs and plant derived natural products Potential and challenges for drug development. <b>2014</b> , 1, 59-69		24
586	The protective effects of Schisandra chinensis fruit extract and its lignans against cardiovascular disease: a review of the molecular mechanisms. <b>2014</b> , 97, 224-33		83
585	Biological networks and drug discovery--where do we stand?. <b>2014</b> , 75, 271-82		10
584	Target-independent prediction of drug synergies using only drug lipophilicity. <b>2014</b> , 54, 2286-93		20
583	Pan-histone demethylase inhibitors simultaneously targeting Jumonji C and lysine-specific demethylases display high anticancer activities. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 42-55	8.3	94
582	Cost-effectiveness analysis of combined Chinese medicine and Western medicine for ischemic stroke patients. <b>2014</b> , 20, 570-84		7
581	Discovery of potential anti-inflammatory drugs: diaryl-1,2,4-triazoles bearing N-hydroxyurea moiety as dual inhibitors of cyclooxygenase-2 and 5-lipoxygenase. <b>2014</b> , 12, 2114-27		40
580	Development of RNA interference-based therapeutics and application of multi-target small interfering RNAs. <b>2014</b> , 24, 302-12		21
579	Multi-target approach for natural products in inflammation. <i>Drug Discovery Today</i> , <b>2014</b> , 19, 1871-82	8.8	184
578	Delineating the anti-metastatic potential of pentoxifylline in combination with liposomal doxorubicin against breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , <b>2014</b> , 68, 191-200	7.5	9
577	Design, synthesis, and biological evaluations of tumor-targeting dual-warhead conjugates for a taxoid-camptothecin combination chemotherapy. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 5777-91	8.3	55
576	Structural bioinformatics of the interactome. <b>2014</b> , 43, 193-210		42
575	Potential role of the combination of galantamine and memantine to improve cognition in schizophrenia. <b>2014</b> , 157, 84-9		43
574	Ruthenium(II) polypyridyl complexes: cellular uptake, cell image and apoptosis of HeLa cancer cells induced by double targets. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 82, 82-95	6.8	41

573	UPLC-Q/TOF MS standardized Chinese formula Xin-Ke-Shu for the treatment of atherosclerosis in a rabbit model. <b>2014</b> , 21, 1364-72	41
572	A functional perspective of nitazoxanide as a potential anticancer drug. <b>2014</b> , 768, 16-21	32
571	On 'polypharmacy' and multi-target agents, complementary strategies for improving the treatment of depression: a comparative appraisal. <b>2014</b> , 17, 1009-37	50
570	Hybrid curcumin compounds: a new strategy for cancer treatment. <b>2014</b> , 19, 20839-63	71
569	Convergent Lines of Descent: Symptoms, Patterns, Constellations, and the Emergent Interface of Systems Biology and Chinese Medicine. <b>2014</b> , 8, 107-139	15
568	Predicting cooperative drug effects through the quantitative cellular profiling of response to individual drugs. <b>2014</b> , 3, e102	22
567	Systematic synergy modeling: understanding drug synergy from a systems biology perspective. <b>2015</b> , 9, 56	26
566	Analysis of drug combinations: current methodological landscape. <b>2015</b> , 3, e00149	528
565	PHIN: A Protein Pharmacology Interaction Network Database. <b>2015</b> , 4, e00025	12
564	Synergistic neuroprotective effect of microglial-conditioned media treated with geniposide and ginsenoside Rg1 on hypoxia injured neurons. <b>2015</b> , 12, 5328-34	6
563	Synergism and rules of the new combination drug Yiqijiedu formulae (YQJD) on ischemic stroke based on amino acids (AAs) metabolism. <b>2014</b> , 4, 5149	8
562	Protein-protein interaction networks identify targets which rescue the MPP+ cellular model of Parkinson's disease. <b>2015</b> , 5, 17004	23
561	An Antifungal Combination Matrix Identifies a Rich Pool of Adjuvant Molecules that Enhance Drug Activity against Diverse Fungal Pathogens. <b>2015</b> , 13, 1481-1492	54
560	MLN4924 Synergistically Enhances Cisplatin-induced Cytotoxicity via JNK and Bcl-xL Pathways in Human Urothelial Carcinoma. <b>2015</b> , 5, 16948	29
559	Systematic prediction of drug combinations based on clinical side-effects. <b>2014</b> , 4, 7160	34
558	DT-Web: a web-based application for drug-target interaction and drug combination prediction through domain-tuned network-based inference. <b>2015</b> , 9 Suppl 3, S4	30
557	Experimental designs for detecting synergy and antagonism between two drugs in a pre-clinical study. <b>2015</b> , 14, 216-25	2
556	Unconventional screening approaches for antibiotic discovery. <b>2015</b> , 1354, 54-66	35

555	Anti-cancer drug discovery: update and comparisons in yeast, Drosophila, and zebrafish. <b>2014</b> , 7, 44-51		14
554	Combination of Citicoline and L-NAME Restores Neurological Functions, Reverts Biochemical Alterations and Reduces Neuronal Damage in Transient Focal Cerebral Ischemic Rats. <b>2015</b> , 8, 804		
553	Studies on [5,6]-Fused Bicyclic Scaffolds Derivatives as Potent Dual B-RafV600E/KDR Inhibitors Using Docking and 3D-QSAR Approaches. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 24451-74 <sup>6.3</sup>		7
552	Inhibition of the NF- $\kappa$ B signaling pathway by a novel heterocyclic curcumin analogue. <b>2015</b> , 20, 863-78		16
551	β-Tocotrienol and 6-Gingerol in Combination Synergistically Induce Cytotoxicity and Apoptosis in HT-29 and SW837 Human Colorectal Cancer Cells. <b>2015</b> , 20, 10280-97		15
550	Synthesis and Biological Activity of Isoflavone Derivatives from Chickpea as Potent Anti-Diabetic Agents. <b>2015</b> , 20, 17016-40		10
549	Synergistic interaction between selective drugs in cell populations models. <b>2015</b> , 10, e0117558		7
548	Not Just a Sum? Identifying Different Types of Interplay between Constituents in Combined Interventions. <b>2015</b> , 10, e0125334		1
547	A Network-Based Target Overlap Score for Characterizing Drug Combinations: High Correlation with Cancer Clinical Trial Results. <b>2015</b> , 10, e0129267		9
546	Multi-target pharmacology: possibilities and limitations of the "skeleton key approach" from a medicinal chemist perspective. <i>Frontiers in Pharmacology</i> , <b>2015</b> , 6, 205	5.6	158
545	Synergistic Use of Geniposide and Ginsenoside Rg1 Balance Microglial TNF- $\alpha$ and TGF- $\beta$ following Oxygen-Glucose Deprivation In Vitro: A Genome-Wide Survey. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 756346	2.3	3
544	Combinatorial Activity of Flavonoids with Antibiotics Against Drug-Resistant <i>Staphylococcus aureus</i> . <b>2015</b> , 21, 600-9		19
543	An Analysis of the Fixed-Dose Combinations Authorized by the European Union, 2009-2014: A Focus on Benefit-Risk and Clinical Development Conditions. <b>2015</b> , 49, 553-559		7
542	Synergy Maps: exploring compound combinations using network-based visualization. <b>2015</b> , 7, 36		27
541	Design, synthesis and evaluation of antiestrogen and histone deacetylase inhibitor molecular hybrids. <b>2015</b> , 23, 7597-606		21
540	Effectiveness of targeted therapy as monotherapy or combined therapy in patients with relapsed or refractory multiple myeloma: a systematic review and meta-analysis. <b>2015</b> , 20, 1-10		7
539	BioGPS: navigating biological space to predict polypharmacology, off-targeting, and selectivity. <b>2015</b> , 83, 517-32		52
538	Controlling networks of nonlinearly-coupled nodes using response surfaces. <b>2014</b> , 4, 7574		1

537	Large-scale exploration and analysis of drug combinations. <b>2015</b> , 31, 2007-16	79
536	Redox-active and DNA-binding coordination complexes of clotrimazole. <b>2015</b> , 44, 3673-85	17
535	Botanicals: an alternative remedy to radiotherapy-induced dysuria. <b>2015</b> , 23, 90-9	8
534	Rescue of impaired long-term facilitation at sensorimotor synapses of <i>Aplysia</i> following siRNA knockdown of CREB1. <b>2015</b> , 35, 1617-26	7
533	Two pathways mediate interdomain allosteric regulation in pin1. <b>2015</b> , 23, 237-247	56
532	Chemopreventive and therapeutic potential of chrysin in cancer: mechanistic perspectives. <b>2015</b> , 233, 214-25	159
531	Polycaprolactone multicore-matrix particle for the simultaneous encapsulation of hydrophilic and hydrophobic compounds produced by membrane emulsification and solvent diffusion processes. <b>2015</b> , 135, 116-125	17
530	Systems Biology. <b>2015</b> , 409-425	
529	Two triterpenoids from <i>Cyclocarya paliurus</i> (Batal) Iljinsk (Juglandaceae) promote glucose uptake in 3T3-L1 adipocytes: The relationship to AMPK activation. <b>2015</b> , 22, 837-46	38
528	Effects of aqueous extract from <i>Silybum marianum</i> on adenosine deaminase activity in cancerous and noncancerous human gastric and colon tissues. <b>2015</b> , 11, 143-6	5
527	Multi-target drugs to address multiple checkpoints in complex inflammatory pathologies: evolutionary cues for novel "first-in-class" anti-inflammatory drug candidates: a reviewer's perspective. <b>2015</b> , 64, 747-52	9
526	Fast-SL: an efficient algorithm to identify synthetic lethal sets in metabolic networks. <b>2015</b> , 31, 3299-305	30
525	BalestraWeb: efficient online evaluation of drug-target interactions. <b>2015</b> , 31, 131-3	18
524	A network pharmacology study of Sendeng-4, a Mongolian medicine. <b>2015</b> , 13, 108-18	5
523	Anticancer efficacy and toxicokinetics of a novel paclitaxel-clofazimine nanoparticulate co-formulation. <b>2015</b> , 5, 257-67	6
522	A ranking method for the concurrent learning of compounds with various activity profiles. <b>2015</b> , 7, 2	9
521	Drug Discovery and Ayurveda. <b>2015</b> , 229-258	2
520	Anthelmintic drug discovery: into the future. <b>2015</b> , 101, 125-33	59

519	Traditional Medicine-Inspired Evidence-Based Approaches to Drug Discovery. <b>2015</b> , 259-272		2
518	Synergistic Effects Between Thioxanthenes and Oxacillin Against Methicillin-Resistant <i>Staphylococcus aureus</i> . <b>2015</b> , 21, 404-15		19
517	Recent developments in curcumin and curcumin based polymeric materials for biomedical applications: A review. <b>2015</b> , 81, 877-90		155
516	Revealing the trehalose mediated inhibition of protein aggregation through lysozyme-silver nanoparticle interaction. <b>2015</b> , 11, 7241-9		22
515	Investigation of new 2-aryl substituted Benzothioapyrano[4,3-d]pyrimidines as kinase inhibitors targeting vascular endothelial growth factor receptor 2. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 103, 29-43	6.8	14
514	Polypharmacology Shakes Hands with Complex Aetiopathology. <b>2015</b> , 36, 802-821		24
513	Rosemary ( <i>Rosmarinus officinalis</i> L.) Extract as a Potential Complementary Agent in Anticancer Therapy. <b>2015</b> , 67, 1221-9		58
512	Discovery and resupply of pharmacologically active plant-derived natural products: A review. <b>2015</b> , 33, 1582-1614		1267
511	Synergistic, collaterally sensitive $\beta$ -lactam combinations suppress resistance in MRSA. <b>2015</b> , 11, 855-61		91
510	Inhibitors of c-Jun N-terminal kinases: an update. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 72-95	8.3	63
509	Interactions of arene ruthenium metallaprisms with human proteins. <b>2015</b> , 13, 946-53		19
508	UHPLC-LTQ-Orbitrap MS combined with spike-in method for plasma metabonomics analysis of acute myocardial ischemia rats and pretreatment effect of Danqi Tongmai tablet. <b>2015</b> , 11, 486-96		24
507	Metabolic cancer biology: structural-based analysis of cancer as a metabolic disease, new sights and opportunities for disease treatment. <b>2015</b> , 30, 21-9		31
506	Synthesis and anti-proliferative activity evaluation of sorafenib derivatives with a 3-arylacryloyl hydrazide unit. <b>2015</b> , 24, 1733-1743		5
505	Protein ruthenation and DNA alkylation: chlorambucil-functionalized RAPTA complexes and their anticancer activity. <b>2015</b> , 44, 3614-23		63
504	Huperzine A from <i>Huperzia serrata</i> : a review of its sources, chemistry, pharmacology and toxicology. <b>2016</b> , 15, 51-85		51
503	Activity of red wine polyphenols on endothelial no-synthase (eNOS). <b>2016</b> , 10, 766-771		
502	Multi-target siRNA: Therapeutic Strategy for Hepatocellular Carcinoma. <b>2016</b> , 7, 1317-27		10

501	Microfluidic-Based Multi-Organ Platforms for Drug Discovery. <b>2016</b> , 7,		27
500	Synthesis, Molecular Modelling and Biological Evaluation of Novel Heterodimeric, Multiple Ligands Targeting Cholinesterases and Amyloid Beta. <b>2016</b> , 21, 410		23
499	ChemProt-3.0: a global chemical biology diseases mapping. <b>2016</b> , 2016,		53
498	Aminobenzimidazoles and Structural Isomers as Templates for Dual-Acting Butyrylcholinesterase Inhibitors and hCB2 R Ligands To Combat Neurodegenerative Disorders. <i>ChemMedChem</i> , <b>2016</b> , 11, 1270-37	3.7	20
497	Development and Application of a Virtual Screening Protocol for the Identification of Multitarget Fragments. <i>ChemMedChem</i> , <b>2016</b> , 11, 1259-63	3.7	14
496	Propagation on Molecular Interaction Networks: Prediction of Effective Drug Combinations and Biomarkers in Cancer Treatment. <b>2017</b> , 23, 5-28		1
495	Investigating Multiview and Multitask Learning Frameworks for Predicting Drug-Disease Associations. <b>2016</b> ,		3
494	Interactomes Scaffolds of Cellular Systems. <b>2016</b> , 187-198		1
493	BRAID: A Unifying Paradigm for the Analysis of Combined Drug Action. <b>2016</b> , 6, 25523		40
492	Chemogenomics and orthology-based design of antibiotic combination therapies. <b>2016</b> , 12, 872		60
491	The antitumor effects of geraniol: Modulation of cancer hallmark pathways (Review). <b>2016</b> , 48, 1772-82		67
490	Modelling of compound combination effects and applications to efficacy and toxicity: state-of-the-art, challenges and perspectives. <i>Drug Discovery Today</i> , <b>2016</b> , 21, 225-38	8.8	108
489	Physics at the Biomolecular Interface. <b>2016</b> ,		10
488	mTORC1-Driven Tumor Cells Are Highly Sensitive to Therapeutic Targeting by Antagonists of Oxidative Stress. <b>2016</b> , 76, 4816-27		18
487	Resisting resistance: is there a solution for malaria?. <b>2016</b> , 11, 395-406		24
486	Nanoparticles as drug delivery systems of combination therapy for cancer. <b>2016</b> , 253-280		2
485	Recommendation Techniques for Drug-Target Interaction Prediction and Drug Repositioning. <b>2016</b> , 1415, 441-62		24
484	Glutamate Racemase Is the Primary Target of EChloro-d-Alanine in Mycobacterium tuberculosis. <b>2016</b> , 60, 6091-9		27

483	Design, Synthesis, and Biological Evaluation of First-in-Class Dual Acting Histone Deacetylases (HDACs) and Phosphodiesterase 5 (PDE5) Inhibitors for the Treatment of Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 8967-9004	8.3	59
482	Combination therapeutics in complex diseases. <b>2016</b> , 20, 2231-2240		44
481	A concise review on advances in development of small molecule anti-inflammatory therapeutics emphasising AMPK: An emerging target. <b>2016</b> , 29, 562-571		20
480	Tools for the rational design of bivalent microtubule-targeting drugs. <b>2016</b> , 479, 48-53		10
479	Multi-target therapeutics for neuropsychiatric and neurodegenerative disorders. <i>Drug Discovery Today</i> , <b>2016</b> , 21, 1886-1914	8.8	32
478	The Molecular Basis for Dual Fatty Acid Amide Hydrolase (FAAH)/Cyclooxygenase (COX) Inhibition. <i>ChemMedChem</i> , <b>2016</b> , 11, 1252-8	3.7	28
477	Discovery of novel xanthine compounds targeting DPP-IV and GPR119 as anti-diabetic agents. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 124, 103-116	6.8	21
476	Prediction of multidimensional drug dose responses based on measurements of drug pairs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 10442-7	11.5	91
475	Design and Synthesis of Janus Kinase 2 (JAK2) and Histone Deacetylase (HDAC) Bispecific Inhibitors Based on Pacritinib and Evidence of Dual Pathway Inhibition in Hematological Cell Lines. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 8233-62	8.3	60
474	Dual-targeting hybrid peptide-conjugated doxorubicin for drug resistance reversal in breast cancer. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 512, 1-13	6.5	25
473	HMG-CoA Reductase inhibitors: an updated review of patents of novel compounds and formulations (2011-2015). <b>2016</b> , 26, 1257-1272		16
472	Cardioprotection by combination of three compounds from ShengMai preparations in mice with myocardial ischemia/reperfusion injury through AMPK activation-mediated mitochondrial fission. <b>2016</b> , 6, 37114		27
471	Antifungal Drugs: The Current Armamentarium and Development of New Agents. <b>2016</b> , 4,		80
470	8-Substituted 1,3-dimethyltetrahydropyrazino[2,1-f]purinediones: Water-soluble adenosine receptor antagonists and monoamine oxidase B inhibitors. <b>2016</b> , 24, 5462-5480		19
469	Anti-angiogenic effects of novel cyclin-dependent kinase inhibitors with a pyrazolo[4,3-d]pyrimidine scaffold. <b>2016</b> , 173, 2645-56		5
468	Study on material base and action mechanism of compound Danshen dripping pills for treatment of atherosclerosis based on modularity analysis. <b>2016</b> , 193, 36-44		10
467	Discovery of novel anti-HIV agents via Cu(I)-catalyzed azide-alkyne cycloaddition (CuAAC) click chemistry-based approach. <b>2016</b> , 11, 857-71		26
466	Identification of new dual spleen tyrosine kinase (Syk) and phosphoinositide-3-kinase [PI3K] inhibitors using ligand and structure-based integrated ideal pharmacophore models. <b>2016</b> , 27, 469-99		2



465	Chinese herbal medicines promote hippocampal neuroproliferation, reduce stress hormone levels, inhibit apoptosis, and improve behavior in chronically stressed mice. <b>2016</b> , 193, 159-168	11
464	Design and synthesis of novel dual-target agents for HDAC1 and CK2 inhibition. <b>2016</b> , 6, 66595-66608	18
463	Anthelmintic drug discovery: Into the future. <b>2016</b> , 215-228	
462	Naturally occurring proteinaceous nanoparticles in <i>Coptidis Rhizoma</i> extract act as concentration-dependent carriers that facilitate berberine absorption. <b>2016</b> , 6, 20110	17
461	Recent progress in repositioning Alzheimer's disease drugs based on a multitarget strategy. <b>2016</b> , 8, 2113-2142	46
460	Non-Specificity of Drug-Target Interactions [Consequences for Drug Discovery. <b>2016</b> , 91-142	0
459	Key technology based on network pharmacology of complex networks. <b>2016</b> ,	
458	Clerodane Diterpenoids with Anti-hyperglycemic Activity from <i>Tinospora crispa</i> . <b>2016</b> , 6, 247-255	7
457	Synthesis, biological evaluation and molecular docking studies of some novel indenospiro derivatives as anticancer agents. <b>2016</b> , 68, 105-118	17
456	Network motifs modulate druggability of cellular targets. <b>2016</b> , 6, 36626	9
455	Competitive IntelligenceBased Lead Generation and Fast Follower Approaches. <b>2016</b> , 183-220	3
454	Target Identification and Polypharmacology of Nutraceuticals. <b>2016</b> , 263-286	7
453	MDM2 antagonist nutlin-3a sensitizes tumors to V-ATPase inhibition. <b>2016</b> , 10, 1054-62	15
452	Development of CNS multi-receptor ligands: Modification of known D2 pharmacophores. <b>2016</b> , 24, 3671-9	3
451	Exploring Basic Tail Modifications of Coumarin-Based Dual Acetylcholinesterase-Monoamine Oxidase B Inhibitors: Identification of Water-Soluble, Brain-Permeant Neuroprotective Multitarget Agents. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 6791-806	8.3 63
450	Discovery of novel dual inhibitors against Mdm2 and Mdmx proteins by in silico approaches and binding assay. <b>2016</b> , 145, 240-6	12
449	Optimization of drug combinations using Feedback System Control. <b>2016</b> , 11, 302-15	67
448	Digitoxin enhances the growth inhibitory effects of thapsigargin and simvastatin on ER negative human breast cancer cells. <b>2016</b> , 109, 146-54	14

447	Synergy evaluation by a pathway-pathway interaction network: a new way to predict drug combination. <b>2016</b> , 12, 614-23	36
446	Design, synthesis and biological evaluation of novel hydroxamic acids bearing artemisinin skeleton. <b>2016</b> , 66, 63-71	14
445	Design, synthesis and biological evaluation of novel donepezil-coumarin hybrids as multi-target agents for the treatment of Alzheimer's disease. <b>2016</b> , 24, 1528-39	57
444	Drug discovery of neurodegenerative disease through network pharmacology approach in herbs. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 78, 272-279	7.5 14
443	New insights into the anticancer activity of carnosol: p53 reactivation in the U87MG human glioblastoma cell line. <b>2016</b> , 74, 95-108	17
442	Recent advances in quantitative high throughput and high content data analysis. <b>2016</b> , 11, 415-23	5
441	iRGD decorated lipid-polymer hybrid nanoparticles for targeted co-delivery of doxorubicin and sorafenib to enhance anti-hepatocellular carcinoma efficacy. <b>2016</b> , 12, 1303-11	68
440	A network analysis of the Chinese medicine Lianhua-Qingwen formula to identify its main effective components. <b>2016</b> , 12, 606-13	34
439	Metabolomics and its application to the evaluation of the efficacy and toxicity of traditional Chinese herb medicines. <b>2016</b> , 1026, 204-216	56
438	Drug-target interaction prediction: databases, web servers and computational models. <b>2016</b> , 17, 696-712	319
437	Delivering an Automated and Integrated Approach to Combination Screening Using Acoustic-Droplet Technology. <b>2016</b> , 21, 143-52	4
436	Nanoparticle-mediated co-delivery of chemotherapeutic agent and siRNA for combination cancer therapy. <b>2017</b> , 14, 65-73	63
435	Combinatorial strategies for combating invasive fungal infections. <b>2017</b> , 8, 169-185	94
434	Predicting Drug Combination Index and Simulating the Network-Regulation Dynamics by Mathematical Modeling of Drug-Targeted EGFR-ERK Signaling Pathway. <b>2017</b> , 7, 40752	27
433	Design, synthesis and biological evaluation of (E)-3,4-dihydroxystyryl 4-acylaminophenethyl sulfone, sulfoxide derivatives as dual inhibitors of HIV-1 CCR5 and integrase. <b>2017</b> , 25, 1076-1084	8
432	DS6: anticandidal, antibiofilm peptide against <i>Candida tropicalis</i> and exhibit synergy with commercial drug. <b>2017</b> , 23, 228-235	8
431	Quantitative bioassay to identify antimicrobial drugs through drug interaction fingerprint analysis. <b>2017</b> , 7, 42644	7
430	Randomised, double-blind, parallel group, placebo-controlled study to evaluate the analgesic efficacy and safety of VVZ-149 injections for postoperative pain following laparoscopic colorectal surgery. <b>2017</b> , 7, e011035	4

429	New Modalities for Challenging Targets in Drug Discovery. <b>2017</b> , 56, 10294-10323		193
428	Positively Charged Combinatory Drug Delivery Systems against Multi-Drug-Resistant Breast Cancer: Beyond the Drug Combination. <b>2017</b> , 9, 6804-6815		26
427	Neue Modalitäten für schwierige Zielstrukturen in der Wirkstoffentwicklung. <b>2017</b> , 129, 10428-10459		33
426	Nanocarrier mediated combination drug delivery for chemotherapy [A review]. <i>Journal of Drug Delivery Science and Technology</i> , <b>2017</b> , 39, 362-371	4.5	50
425	Ligand Selectivity between the ADP-Ribosylating Toxins: An Inverse-Docking Study for Multitarget Drug Discovery. <b>2017</b> , 2, 1710-1719		6
424	Concurrent activation of $\beta$ adrenergic receptor and blockage of GPR55 disrupts pro-oncogenic signaling in glioma cells. <b>2017</b> , 36, 176-188		7
423	Effects of hispolon on glioblastoma cell growth. <b>2017</b> , 32, 2113-2123		13
422	Modification of C-seco taxoids through ring tethering and substituent replacement leading to effective agents against tumor drug resistance mediated by $\beta$ -Tubulin and P-glycoprotein (P-gp) overexpressions. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 137, 488-503	6.8	10
421	Melatonin as a versatile molecule to design novel multitarget hybrids against neurodegeneration. <b>2017</b> , 9, 765-780		20
420	Discovery of Small Molecules as Multi-Toll-like Receptor Agonists with Proinflammatory and Anticancer Activities. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 5029-5044	8.3	32
419	Combination therapy design for maximizing sensitivity and minimizing toxicity. <i>BMC Bioinformatics</i> , <b>2017</b> , 18, 116	3.6	9
418	Future of Drug Discovery. <b>2017</b> , 609-629		3
417	Prediction of Antibiotic Interactions Using Descriptors Derived from Molecular Structure. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 3902-3912	8.3	24
416	Cancer chemopreventive activity of compounds isolated from <i>Waltheria indica</i> . <b>2017</b> , 203, 214-225		15
415	Untargeted metabolomics analysis reveals key pathways responsible for the synergistic killing of colistin and doripenem combination against <i>Acinetobacter baumannii</i> . <b>2017</b> , 7, 45527		48
414	The antimalarial action of FK506 and rapamycin: evidence for a direct effect on FK506-binding protein PFKFBP35. <b>2017</b> , 144, 869-876		3
413	Drug Resistance in Bacteria, Fungi, Malaria, and Cancer. <b>2017</b> ,		9
412	Fatty Acid Cysteamine Conjugates as Novel and Potent Autophagy Activators That Enhance the Correction of Misfolded F508del-Cystic Fibrosis Transmembrane Conductance Regulator (CFTR). <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 458-473	8.3	30

411	Exploration of Zinc Oxide Nanoparticles as a Multitarget and Multifunctional Anticancer Nanomedicine. <b>2017</b> , 9, 39971-39984		102
410	Acute and long-term cardioprotective effects of the Traditional Chinese Medicine MLC901 against myocardial ischemia-reperfusion injury in mice. <b>2017</b> , 7, 14701		13
409	Efficient measurement and factorization of high-order drug interactions in. <b>2017</b> , 3, e1701881		56
408	Protein recognition by a pattern-generating fluorescent molecular probe. <b>2017</b> , 12, 1161-1168		71
407	Anti-tumour efficacy of etoposide alone and in combination with piroxicam against canine osteosarcoma in a xenograft model. <b>2017</b> , 113, 130-135		3
406	Small Molecule Inhibitors Simultaneously Targeting Cancer Metabolism and Epigenetics: Discovery of Novel Nicotinamide Phosphoribosyltransferase (NAMPT) and Histone Deacetylase (HDAC) Dual Inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7965-7983	8.3	60
405	Design, synthesis and biological evaluation of novel coumarin-N-benzyl pyridinium hybrids as multi-target agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 139, 48-59	6.8	48
404	Network Pharmacological Screening of Herbal Monomers that Regulate Apoptosis-Associated Genes in Acute Pancreatitis. <b>2017</b> , 46, 89-96		5
403	Investigation into the pharmacokinetic-pharmacodynamic model of Zingiberis Rhizoma/Zingiberis Rhizoma Carbonisata and contribution to their therapeutic material basis using artificial neural networks. <b>2017</b> , 7, 25488-25496		7
402	Genome-scale regression analysis reveals a linear relationship for promoters and enhancers after combinatorial drug treatment. <b>2017</b> , 33, 3696-3700		6
401	Pharmacokinetics of antifungal drugs: practical implications for optimized treatment of patients. <b>2017</b> , 45, 737-779		137
400	Design, synthesis, molecular modeling and anti-hyperglycemic evaluation of quinazolin-4(3H)-one derivatives as potential PPAR $\delta$ and SUR agonists. <b>2017</b> , 25, 4723-4744		51
399	Enabling Precision Cardiology Through Multiscale Biology and Systems Medicine. <b>2017</b> , 2, 311-327		42
398	Exploiting the synthetic lethality between terminal respiratory oxidases to kill and clear host infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 7426-7431	11.5	95
397	A multi-target therapeutic potential of Prunus domestica gum stabilized nanoparticles exhibited prospective anticancer, antibacterial, urease-inhibition, anti-inflammatory and analgesic properties. <b>2017</b> , 17, 276		40
396	Multiple molecular targets in the liver, adipose tissue and skeletal muscle in ginger-elicited amelioration of nonalcoholic fatty liver disease. <b>2017</b> , 36, 43-51		4
395	Network Pharmacology. <b>2017</b> , 127-164		14
394	Proteins behaving badly. Substoichiometric molecular control and amplification of the initiation and nature of amyloid fibril formation: lessons from and for blood clotting. <b>2017</b> , 123, 16-41		45

393	HTS-FTIR spectroscopy allows the classification of polyphenols according to their differential effects on the MDA-MB-231 breast cancer cell line. <b>2017</b> , 142, 1244-1257		8
392	Development of Ayurveda - Tradition to trend. <b>2017</b> , 197, 10-24		75
391	Computational platform Way2Drug: from the prediction of biological activity to drug repurposing. <b>2017</b> , 66, 1832-1841		21
390	Medicinal Chemistry of Hybrids for Neurodegenerative Diseases. <b>2017</b> , 259-277		3
389	Research on DICOM file compression and offline storage platform. <b>2017</b> ,		0
388	Current trends in small molecule discovery targeting key cellular signaling events towards the combined management of diabetes and obesity. <i>Bioinformatics</i> , <b>2017</b> , 13, 394-399	1.1	12
387	Combination therapeutics. <b>2017</b> , 283-313		
386	Antifungal Drugs: The Current Armamentarium and Development of New Agents. <b>2017</b> , 903-922		8
385	Enhancing Drug Efficacy and Therapeutic Index through Cheminformatics-Based Selection of Small Molecule Binary Weapons That Improve Transporter-Mediated Targeting: A Cytotoxicity System Based on Gemcitabine. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 155	5.6	14
384	Interactions between Plant Metabolites Affect Herbivores: A Study with Pyrrolizidine Alkaloids and Chlorogenic Acid. <b>2017</b> , 8, 903		19
383	A Systematic Review of Computational Drug Discovery, Development, and Repurposing for Ebola Virus Disease Treatment. <b>2017</b> , 22,		21
382	Study of the Hypoglycemic Activity of Derivatives of Isoflavones from <i>L. Evidence-based Complementary and Alternative Medicine</i> , <b>2017</b> , 2017, 8746823	2.3	3
381	The worldwide trend of using botanical drugs and strategies for developing global drugs. <b>2017</b> , 50, 111-116		60
380	Prediction of drug cocktail effects when the number of measurements is limited. <b>2017</b> , 15, e2002518		23
379	Research on abnormal data processing and constructing network based on network pharmacology. <b>2017</b> ,		
378	Kinase Inhibitors in Multitargeted Cancer Therapy. <b>2017</b> , 24, 1671-1686		24
377	Big Tumorigenesis Mechanisms in Systems Cancer Biology via Big Database Mining and Network Modeling. <b>2017</b> , 431-526		0
376	Therapeutic effects of the euglenoid ichthyotoxin, euglenophycin, in colon cancer. <b>2017</b> , 8, 104347-104358		8

375	Combination therapy in combating cancer. <b>2017</b> , 8, 38022-38043		818
374	Chinese patent medicine Xin-Ke-Shu inhibits Ca overload and dysfunction of fatty acid oxidation in rats with myocardial infarction induced by LAD ligation. <b>2018</b> , 1079, 85-94		7
373	Nicotine. <b>2018</b> , 63-81		3
372	Stattic enhances the anti-proliferative effect of docetaxel via the Bax/Bcl-2/cyclin B axis in human cancer cells. <b>2018</b> , 69, 188-196		9
371	Feasibility of Exposure-Response Analyses for Clinical Dose-Ranging Studies of Drug Combinations. <b>2018</b> , 20, 64		2
370	Synergistic anti-oomycete effect of melatonin with a biofungicide against oomycetic black shank disease. <b>2018</b> , 65, e12492		38
369	Role of acid responsive genes in the susceptibility of Escherichia coli to ciclopirox. <b>2018</b> , 500, 296-301		1
368	Strategies to overcome resistance mutations of Bruton's tyrosine kinase inhibitor ibrutinib. <b>2018</b> , 10, 343-356		12
367	Alkylated resveratrol prodrugs and metabolites as potential therapeutics for neurodegenerative diseases. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 146, 123-138	6.8	43
366	Assessment and modelling of antibacterial combination regimens. <b>2018</b> , 24, 689-696		11
365	Design, synthesis and evaluate of novel dual FGFR1 and HDAC inhibitors bearing an indazole scaffold. <b>2018</b> , 26, 747-757		38
364	Systems pharmacology analysis of synergy of TCM: an example using saffron formula. <b>2018</b> , 8, 380		26
363	X-ray-Structure-Based Identification of Compounds with Activity against Targets from Different Families and Generation of Templates for Multitarget Ligand Design. <b>2018</b> , 3, 106-111		16
362	Predictive approaches for drug combination discovery in cancer. <b>2018</b> , 19, 263-276		41
361	Nuclease-resistant 63-bp trimeric siRNAs simultaneously silence three different genes in tumor cells. <b>2018</b> , 592, 122-129		4
360	Naphthoquinones: A continuing source for discovery of therapeutic antineoplastic agents. <b>2018</b> , 91, 681-690		54
359	Safety, Tolerability, and Pharmacokinetic Characteristics of a Novel Nonopioid Analgesic, VVZ-149 Injections in Healthy Volunteers: A First-in-Class, First-in-Human Study. <b>2018</b> , 58, 64-73		4
358	Interfering RNA with multi-targets for efficient gene suppression in HCC cells. <b>2018</b> , 41, 3604-3610		1

357	MDAD: A Special Resource for Microbe-Drug Associations. <b>2018</b> , 8, 424		26
356	Chemogenomic model identifies synergistic drug combinations robust to the pathogen microenvironment. <b>2018</b> , 14, e1006677		16
355	Comparative Study Of Complex Network Community Structure Algorithms In network Pharmacology Analysis. <b>2018</b> , 232, 01021		
354	A Classic Herbal Formula Danggui Beimu Kushen Wan for Chronic Prostatitis: From Traditional Knowledge to Scientific Exploration. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2018</b> , 2018, 1612948	2.3	9
353	YaTCM: Yet another Traditional Chinese Medicine Database for Drug Discovery. <b>2018</b> , 16, 600-610		30
352	Screening bioactive compounds with multi-targets from <i>Rhodiola crenulata</i> by a single column containing co-immobilized beta-adrenergic receptor and voltage dependent anion channel isoform 1. <b>2018</b> , 1100-1101, 76-82		4
351	Scalable Multiplexed Drug-Combination Screening Platforms Using 3D Microtumor Model for Precision Medicine. <b>2018</b> , 14, e1703617		27
350	Performance of epistasis detection methods in semi-simulated GWAS. <i>BMC Bioinformatics</i> , <b>2018</b> , 19, 231	3.6	10
349	Novel Combinations of Agents Targeting Translation That Synergistically Inhibit Fungal Pathogens. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2355	5.7	12
348	Additivity of inhibitory effects in multidrug combinations. <b>2018</b> , 3, 1339-1345		25
347	Turning a Luffa Protein into a Self-Assembled Biodegradable Nanoplatfor for Multitargeted Cancer Therapy. <b>2018</b> , 12, 11664-11677		28
346	Host-based processes as therapeutic targets for Rift Valley Fever virus. <b>2018</b> , 160, 64-78		1
345	Prediction of Effective Drug Combinations by an Improved Naïve Bayesian Algorithm. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	18
344	Does 'Strong Analgesic' Equal 'Strong Opioid'? Tapentadol and the Concept of 'µ-Load'. <b>2018</b> , 35, 1471-1484		37
343	Synthesis and evaluation of new designed multiple ligands directed towards both peroxisome proliferator-activated receptor- $\alpha$ and angiotensin II type 1 receptor. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 158, 334-352	6.8	2
342	Computational Multi-Target Drug Design. <b>2018</b> , 51-90		1
341	Microwave-assisted nanocatalysis: A CuO NPs/rGO composite as an efficient and recyclable catalyst for the Petasis-borono-Mannich reaction.. <b>2018</b> , 8, 30280-30288		16
340	Therapeutic target database update 2018: enriched resource for facilitating bench-to-clinic research of targeted therapeutics. <b>2018</b> , 46, D1121-D1127		322

339	MEK inhibitor trametinib in combination with gemcitabine regresses a patient-derived orthotopic xenograft (PDOX) pancreatic cancer nude mouse model. <b>2018</b> , 52, 124-128		13
338	Discovery of $\beta$ Adrenergic Receptors Blocker-Carbonic Anhydrase Inhibitor Hybrids for Multitargeted Antiglaucoma Therapy. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 5380-5394	8.3	45
337	Development of a Web-Server for Identification of Common Lead Molecules for Multiple Protein Targets. <b>2018</b> , 487-504		
336	Natural Products Targeting Inflammation Processes and Multiple Mediators. <b>2018</b> , 277-308		3
335	Novel multi-target directed ligand-based strategies for reducing neuroinflammation in Alzheimer's disease. <b>2018</b> , 207, 314-322		22
334	Bioactivity-Guided Phytofractions: An Emerging Natural Drug Discovery Tool for Safe and Effective Disease Management. <b>2018</b> , 57-71		1
333	Multitargeting Heterocycles: Improved and Rational Chemical Probes for Multifactorial Diseases. <b>2018</b> , 1-29		3
332	An integrated framework for identification of effective and synergistic anti-cancer drug combinations. <b>2018</b> , 16, 1850017		10
331	Network Intervention, a Method to Address Complex Therapeutic Strategies. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 754	5.6	4
330	Natural products, an important resource for discovery of multitarget drugs and functional food for regulation of hepatic glucose metabolism. <b>2018</b> , 12, 121-135		17
329	Lawsone-loaded Niosome and its antitumor activity in MCF-7 breast Cancer cell line: a Nano-herbal treatment for Cancer. <b>2018</b> , 26, 11-17		62
328	Design and synthesis of benzofuro[3,2-b]pyridin-2(1H)-one derivatives as anti-leukemia agents by inhibiting Btk and PI3K <b>2018</b> , 26, 4537-4543		11
327	Design, Synthesis, In Vitro Evaluation and Docking Studies of Pyrazole-Thiazole Hybrids as Antimicrobial and Antibiofilm Agents. <b>2018</b> , 3, 8270-8276		10
326	Exploring Polypharmacology in Drug Design. <b>2018</b> , 1824, 229-243		4
325	Structure and Anti-HIV Activity of Betulinic Acid Analogues. <b>2018</b> , 38, 387-397		19
324	Synergistic Effects of Salvianolic Acid B and Puerarin on Cerebral Ischemia Reperfusion Injury. <b>2018</b> , 23,		22
323	Identification of drug-target interaction by a random walk with restart method on an interactome network. <i>BMC Bioinformatics</i> , <b>2018</b> , 19, 208	3.6	22
322	Synergistic inhibition of the Hedgehog pathway by newly designed Smo and Gli antagonists bearing the isoflavone scaffold. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 156, 554-562	6.8	21



321	Diagonal Method to Measure Synergy Among Any Number of Drugs. <b>2018</b> ,		16
320	Computational Design of Multi-Target Drugs Against Breast Cancer. <b>2018</b> , 443-458		1
319	Nicotine and Other Tobacco Compounds in Neurodegenerative and Psychiatric Diseases - Pages 109-136. <b>2018</b> , 109-136		
318	Safer anti-inflammatory therapy through dual COX-2/5-LOX inhibitors: A structure-based approach. <b>2018</b> , 121, 356-381		64
317	Application of Mixture Design Response Surface Methodology for Combination Chemotherapy in PC-3 Human Prostate Cancer Cells. <b>2018</b> , 94, 907-916		7
316	Polypharmacology by Design: A Medicinal Chemist's Perspective on Multitargeting Compounds. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 420-444	8.3	188
315	Identifying "Many-to-Many" Relationships between Gene-Expression Data and Drug-Response Data via Sparse Binary Matching. <b>2020</b> , 17, 165-176		2
314	Carbonic anhydrase inhibitors as ophthalmologic drugs for the treatment of glaucoma. <b>2019</b> , 269-285		1
313	Optimizing Dose-Finding Studies for Drug Combinations Based on Exposure-Response Models. <b>2019</b> , 21, 95		2
312	Membrane protein-regulated networks across human cancers. <i>Nature Communications</i> , <b>2019</b> , 10, 3131	17.4	26
311	Systems Pharmacology for Investigation of the Mechanisms of Action of Traditional Chinese Medicine in Drug Discovery. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 743	5.6	61
310	An amino-endcapped octadecylsilane silica-based mixed-mode stationary phase for the simultaneous separation of neutral and ionizable components in fixed-dose combinations. <b>2019</b> , 11, 3898-3909		4
309	Pathway-Centric Structure-Based Multi-Target Compound Screening for Anti-Virulence Drug Repurposing. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	5
308	Surprising synergy of dual translation inhibition vs. <i>Acinetobacter baumannii</i> and other multidrug-resistant bacterial pathogens. <b>2019</b> , 46, 193-201		13
307	Noise-precision tradeoff in predicting combinations of mutations and drugs. <b>2019</b> , 15, e1006956		7
306	Jorunnamycin A from sp. Suppresses Epithelial to Mesenchymal Transition and Sensitizes Anoikis in Human Lung Cancer Cells. <b>2019</b> , 82, 1861-1873		10
305	Propionate Ameliorates Skin Infection by Attenuating Bacterial Growth. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1363	5.7	14
304	You Cannot Have Your Synergy and Efficacy Too. <b>2019</b> , 40, 811-817		9

303	Discovery of a potent histone deacetylase (HDAC) 3/6 selective dual inhibitor. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 184, 111755	6.8	11
302	Propionate, together with triple antibiotics, inhibits the growth of Enterococci. <b>2019</b> , 57, 1019-1024		7
301	Predicting Drug-Target Interactions With Multi-Label Classification and Label Partitioning. <b>2021</b> , 18, 1596-1607	20	
300	PEGylated lipid bilayer coated mesoporous silica nanoparticles co-delivery of paclitaxel and curcumin leads to increased tumor site drug accumulation and reduced tumor burden. <b>2019</b> , 140, 105070		21
299	Curcumin functions as a MEK inhibitor to induce a synthetic lethal effect on KRAS mutant colorectal cancer cells receiving targeted drug regorafenib. <b>2019</b> , 74, 108227		9
298	Promiscuous Ligands from Experimentally Determined Structures, Binding Conformations, and Protein Family-Dependent Interaction Hotspots. <b>2019</b> , 4, 1729-1737		13
297	Hirtellina lobelii DC. essential oil, its constituents, its combination with antimicrobial drugs and its mode of action. <b>2019</b> , 133, 130-136		8
296	Improved druggability of gambogic acid using core-shell nanoparticles. <i>Biomaterials Science</i> , <b>2019</b> , 7, 1028-1042	7.4	13
295	High degree of pharmacokinetic compatibility exists between the five-herb medicine XueBiJing and antibiotics comedicated in sepsis care. <b>2019</b> , 9, 1035-1049		12
294	Anticancer and biological properties of a Zn-2,6-diacetylpyridine bis(thiosemicarbazone) complex. <b>2019</b> , 11, 1372-1386		21
293	Study on taboo knowledge map of Chinese patent medicine compatibility. <b>2019</b> ,		1
292	Pairwise combinations of chemical compounds that delay yeast chronological aging through different signaling pathways display synergistic effects on the extent of aging delay. <b>2019</b> , 10, 313-338		5
291	Synergy and antagonism in natural product extracts: when 1 + 1 does not equal 2. <b>2019</b> , 36, 869-888		197
290	Rational Design of Multitarget-Directed Ligands: Strategies and Emerging Paradigms. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 8881-8914	8.3	92
289	The current status of pharmacotherapy for the treatment of Parkinson's disease: transition from single-target to multitarget therapy. <i>Drug Discovery Today</i> , <b>2019</b> , 24, 1769-1783	8.8	21
288	Application of Antimicrobial Peptides of the Innate Immune System in Combination With Conventional Antibiotics-A Novel Way to Combat Antibiotic Resistance?. <b>2019</b> , 9, 128		102
287	Identification of Nrf2/STAT3 axis in induction of apoptosis through sub-G cell cycle arrest mechanism in HT-29 colon cancer cells. <b>2019</b> , 120, 14035-14043		9
286	Prediction of Different Classes of Promiscuous and Nonpromiscuous Compounds Using Machine Learning and Nearest Neighbor Analysis. <b>2019</b> , 4, 6883-6890		14

285	UPLC-QTOF/MS-based metabolomics analysis of plasma reveals an effect of Xue-Fu-Zhu-Yu capsules on blood-stasis syndrome in CHD rats. <b>2019</b> , 241, 111908		18
284	A Subset of New Platinum Antitumor Agents Kills Cells by a Multimodal Mechanism of Action Also Involving Changes in the Organization of the Microtubule Cytoskeleton. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 5176-5190	8.3	24
283	Design, synthesis and evaluation of novel diaryl-1,5-diazoles derivatives bearing morpholine as potent dual COX-2/5-LOX inhibitors and antitumor agents. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 169, 168-184	6.8	18
282	Miniaturized Checkerboard Assays to Measure Antibiotic Interactions. <b>2019</b> , 1939, 3-9		6
281	Mitochondrial dynamics modulation as a critical contribution for Shenmai injection in attenuating hypoxia/reoxygenation injury. <b>2019</b> , 237, 9-19		25
280	Species: A Comprehensive Review on Their Phytochemistry, Biological Activities and Applications. <b>2019</b> , 24,		131
279	Structure-activity relationship studies on naphthoquinone analogs. The search for new herbicides based on natural products. <b>2019</b> , 75, 2517-2529		6
278	Synergy Over Monotherapy. <b>2019</b> , 76, 673-677		2
277	Multimodal use of the porphyrin TMPyP: From cancer therapy to antimicrobial applications. <b>2019</b> , 23, 11-27		28
276	On-chip phenotypic investigation of combinatory antibiotic effects by generating orthogonal concentration gradients. <b>2019</b> , 19, 959-973		17
275	Medicinal Chemistry. <b>2019</b> , 157-172		3
274	Characterization of Essential Protein in Aging Based on Network Analysis. <b>2019</b> , 1366, 012026		
273	Peptide carriers to the rescue: overcoming the barriers to siRNA delivery for cancer treatment. <b>2019</b> , 214, 92-104		7
272	The peptide AC 2 isolated from Bacillus-treated Trapa japonica fruit extract rescues DHT (dihydrotestosterone)-treated human dermal papilla cells and mediates mTORC1 signaling for autophagy and apoptosis suppression. <b>2019</b> , 9, 16903		3
271	Solid-Supported Proteins in the Liquid Chromatography Domain to Probe Ligand-Target Interactions. <b>2019</b> , 7, 752		12
270	Identifying Promiscuous Compounds with Activity against Different Target Classes. <b>2019</b> , 24,		10
269	Reverse Phase Protein Arrays. <b>2019</b> ,		1
268	Endomorphin-2- and Neurotensin- Based Chimeric Peptide Attenuates Airway Inflammation in Mouse Model of Nonallergic Asthma. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	7

267	Polymer conjugated graphene-oxide nanoparticles impair nuclear DNA and Topoisomerase I in cancer. <b>2019</b> , 1, 4965-4971		4
266	Vasorelaxant and antihypertensive effects of Tianshu Capsule on rats: An in vitro and in vivo approach. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 111, 188-197	7.5	14
265	On the Mechanisms of Action of the Low Molecular Weight Fraction of Commercial Human Serum Albumin in Osteoarthritis. <b>2019</b> , 15, 189-200		6
264	Targeted treatment of anaerobic cancer. Patent evaluation of US2016279084 and US2017056350. <b>2019</b> , 29, 1-6		4
263	Exploring the Cytotoxicity, Uptake, Cellular Response, and Proteomics of Mono- and Dinuclear DNA Light-Switch Complexes. <b>2019</b> , 141, 2925-2937		36
262	One-Step Generation of a Drug-Releasing Hydrogel Microarray-On-A-Chip for Large-Scale Sequential Drug Combination Screening. <b>2019</b> , 6, 1801380		18
261	Combined Applications of Repurposed Drugs and Their Detrimental Effects on Glioblastoma Cells. <b>2019</b> , 39, 207-214		6
260	Targeting the endoplasmic reticulum-mitochondria interface sensitizes leukemia cells to cytostatics. <b>2019</b> , 104, 546-555		8
259	Improving the Progress of Research & Development (R&D) Projects by Selecting an Optimal Alliance Structure and Partner Type. <b>2019</b> , 30, 791-809		6
258	Challenges in integrating component level technology and system level information from Ayurveda: Insights from NMR phytometabolomics and anti-HIV potential of select Ayurvedic medicinal plants. <b>2019</b> , 10, 94-101		6
257	Heterogeneous information network and its application to human health and disease. <b>2020</b> , 21, 1327-1346		8
256	Scientific rationale of antifungal drug combination, including oral itraconazole and terbinafine, in recalcitrant dermatophytoses. <b>2020</b> , 31, 43-45		7
255	Dual Inhibitors of Human DNA Topoisomerase II and Other Cancer-Related Targets. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 884-904	8.3	54
254	Prediction of the mechanisms of action of Shenkang in chronic kidney disease: A network pharmacology study and experimental validation. <b>2020</b> , 246, 112128		30
253	Targeting mTOR suppressed colon cancer growth through 4EBP1/eIF4E/PUMA pathway. <b>2020</b> , 27, 448-460		10
252	Bioisosteric Development of Multitarget Nonsteroidal Anti-Inflammatory Drug-Carbonic Anhydrases Inhibitor Hybrids for the Management of Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 2325-2342	8.3	14
251	Network Pharmacology Approach Reveals the Potential Immune Function Activation and Tumor Cell Apoptosis Promotion of Xia Qi Decoction in Lung Cancer. <b>2019</b> , 8,		3
250	From the hypothesis-driven development of organometallic anticancer drugs to new methods in mode of action studies. <b>2020</b> , 75, 339-359		2

249	Synergistic antibacterial effects of analgesics and antibiotics against <i>Staphylococcus aureus</i> . <b>2020</b> , 96, 114967		2
248	Can marine-derived fungus <i>Neosartorya siamensis</i> KUFA 0017 extract and its secondary metabolites enhance antitumor activity of doxorubicin? An in vitro survey unveils interactions against lung cancer cells. <b>2020</b> , 35, 507-517		5
247	N-(3,5-Dichloro-4-(2,4,6-trichlorophenoxy)phenyl)benzenesulfonamide: A new dual-target inhibitor of mitochondrial complex II and complex III via structural simplification. <b>2020</b> , 28, 115299		9
246	Bifunctional HDAC Therapeutics: One Drug to Rule Them All?. <b>2020</b> , 25,		10
245	Drug metabolism and pharmacokinetics of praziquantel: A review of variable drug exposure during schistosomiasis treatment in human hosts and experimental models. <b>2020</b> , 14, e0008649		9
244	Design, synthesis and biological evaluation of novel c-Met/HDAC dual inhibitors. <b>2020</b> , 30, 127610		5
243	Polysaccharides from <i>Dendrobium officinale</i> inhibit proliferation of osteosarcoma cells and enhance cisplatin-induced apoptosis. <b>2020</b> , 73, 104143		8
242	PTML Model of ChEMBL Compounds Assays for Vitamin Derivatives. <b>2020</b> , 22, 129-141		4
241	COVID-19 treatment: Much research and testing, but far, few magic bullets against SARS-CoV-2 coronavirus. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 203, 112647	6.8	17
240	Discovery of 12O-A Novel Oral Multi-Kinase Inhibitor for the Treatment of Solid Tumor. <b>2020</b> , 25,		2
239	Histone Deacetylase Inhibitors in Combinatorial Anticancer Therapy. <b>2020</b> ,		0
238	Predicting multi-enzyme inhibition in the arachidonic acid metabolic network by extracts. <b>2020</b> , 1-14		0
237	Therapeutically relevant natural products as AMPK activators in the treatment of diabetes. <b>2020</b> , 57-90		1
236	Repurposing Nonantifungal Approved Drugs for Synergistic Targeting of Fungal Pathogens. <b>2020</b> , 6, 2950-2958		7
235	A Preliminary Study on the Effect and Mechanism of Breviscapine for Improving Insulin Resistance in HepG2 Cells. <b>2020</b> , 76, 216-226		2
234	Assessing the Anti-cancer Therapeutic Mechanism of a Herbal Combination for Breast Cancer on System-level by a Network Pharmacological Approach. <b>2020</b> , 40, 5097-5106		2
233	Dual Inhibitors Targeting DNA and Histone Deacetylases. <b>2020</b> , 02, e88-e93		
232	Predicting and Quantifying Antagonistic Effects of Natural Compounds Given with Chemotherapeutic Agents: Applications for High-Throughput Screening. <b>2020</b> , 12,		2

231	Drug-Target Interaction Prediction in Coronavirus Disease 2019 Case Using Deep Semi-Supervised Learning Model. <b>2020</b> ,		1
230	Systems Pharmacology Study of the Anticervical Cancer Mechanisms of FDY003. <b>2020</b> , 15, 1934578X2097736		1
229	A System for Assessing Dual Action Modulators of Glycine Transporters and Glycine Receptors. <b>2020</b> , 10,		0
228	A Biochemometric Approach for the Identification of In Vitro Anti-Inflammatory Constituents in Masterwort. <b>2020</b> , 10,		8
227	Design, synthesis, chemical characterization, biological evaluation, and docking study of new 1,3,4-oxadiazole homonucleoside analogs. <b>2020</b> , 39, 1088-1107		10
226	1,2,3-Triazole tethered 2-mercaptobenzimidazole derivatives: design, synthesis and molecular assessment toward C6 glioma cell line. <b>2020</b> , 12, 689-708		8
225	Repurposing cefuroxime for treatment of COVID-19: a scoping review of studies. <b>2021</b> , 39, 4547-4554		17
224	Understanding Breast cancer: from conventional therapies to repurposed drugs. <b>2020</b> , 151, 105401		9
223	From combinations to multitarget-directed ligands: A continuum in Alzheimer's disease polypharmacology. <b>2021</b> , 41, 2606-2633		41
222	Metallo drug-driven combination chemotherapy in cancer treatment. <b>2020</b> , 95-110		1
221	LigBuilder V3: A Multi-Target Drug Design Approach. <b>2020</b> , 8, 142		19
220	Estrone Sulfatase Inhibitors as New Anticancer Agents. <b>2020</b> ,		1
219	N-1,2,3-triazole-isatin derivatives for cholinesterase and $\beta$ -Amyloid aggregation inhibition: A comprehensive bioassay study. <b>2020</b> , 98, 103753		16
218	Drug combinations as effective anti-leishmanials against drug resistant. <b>2020</b> , 11, 905-912		6
217	Guided screen for synergistic three-drug combinations. <b>2020</b> , 15, e0235929		1
216	Synergisms of genome and metabolism stabilizing antitumor therapy (GMSAT) in human breast and colon cancer cell lines: a novel approach to screen for synergism. <b>2020</b> , 20, 617		3
215	Drug-target interaction prediction with tree-ensemble learning and output space reconstruction. <i>BMC Bioinformatics</i> , <b>2020</b> , 21, 49	3.6	21
214	Synthesis and biological evaluation of acridine-based histone deacetylase inhibitors as multitarget agents against Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 192, 112193	6.8	14

213	Rationally Designed Ruthenium Complexes for Breast Cancer Therapy. <b>2020</b> , 25,		30
212	β-Tocotrienol and β-Tocopherol Ether Acetate Enhance Docetaxel Activity in Drug-Resistant Prostate Cancer Cells. <b>2020</b> , 25,		6
211	Type 2 Diabetes Mellitus: A Review of Multi-Target Drugs. <b>2020</b> , 25,		68
210	Cannabinomics: Application of Metabolomics in ( L.) Research and Development. <b>2020</b> , 11, 554		22
209	A critical evaluation of methods to interpret drug combinations. <b>2020</b> , 10, 5144		3
208	Multitarget Anticancer Agents Based on Histone Deacetylase and Protein Kinase CK2 inhibitors. <b>2020</b> , 25,		14
207	Design, synthesis and biological evaluation of novel histone deacetylase1/2 (HDAC1/2) and cyclin-dependent Kinase2 (CDK2) dual inhibitors against malignant cancer. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 198, 112322	6.8	8
206	Evaluation of gene-drug common module identification methods using pharmacogenomics data. <b>2021</b> , 22,		2
205	In vitro evaluation of antitrypanosomal activity and molecular docking of benzoylthioureas. <b>2021</b> , 80, 102225		4
204	Combination of Danshen and ligustrazine has dual anti-inflammatory effect on macrophages and endothelial cells. <b>2021</b> , 266, 113425		11
203	Alpha7 nicotinic-N-methyl-D-aspartate hypothesis in the treatment of schizophrenia and beyond. <b>2021</b> , 36, 1-16		4
202	Mechanisms dissection of the combination GRS derived from ShengMai preparations for the treatment of myocardial ischemia/reperfusion injury. <b>2021</b> , 264, 113381		8
201	Modeling suggests combined-drug treatments for disorders impairing synaptic plasticity via shared signaling pathways. <b>2021</b> , 49, 37-56		1
200	Computational drug discovery and repurposing for the treatment of COVID-19: A systematic review. <b>2021</b> , 106, 104490		52
199	Chemogenomics and bioinformatics approaches for prioritizing kinases as drug targets for neglected tropical diseases. <b>2021</b> , 124, 187-223		0
198	Genetic interaction analysis in microbial pathogens: unravelling networks of pathogenesis, antimicrobial susceptibility and host interactions. <b>2021</b> , 45,		4
197	Drug Re-positioning Studies for Novel HIV-1 Inhibitors Using Binary QSAR Models and Multi-target-driven In Silico Studies. <b>2021</b> , 40, e2000012		4
196	Prediction of Promiscuity Cliffs Using Machine Learning. <b>2021</b> , 40, e2000196		5

195	Bacterial Oxidases of the Cytochrome Family: Redox Enzymes of Unique Structure, Function, and Utility As Drug Targets. <b>2021</b> , 34, 1280-1318			14
194	Systematic exploration of Astragalus membranaceus and Panax ginseng as immune regulators: Insights from the comparative biological and computational analysis. <b>2021</b> , 86, 153077			10
193	Multi-Target Drugs as Master Keys to Complex Diseases: Inverse Docking Strategies and Opportunities. <b>2021</b> , 295-311			
192	Combining chemogenomic and gene-dose assays to investigate drug synergy.			
191	Into the Fray! A Beginner's Guide to Medicinal Chemistry. <i>ChemMedChem</i> , <b>2021</b> , 16, 1199-1225	3.7		1
190	Discovery of Novel Pyrrolo[2,3-]pyrimidine-based Derivatives as Potent JAK/HDAC Dual Inhibitors for the Treatment of Refractory Solid Tumors. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> ,	8.3		13
189	IHRW: An Improved Hypergraph Random Walk Model for Predicting Three-Drug Therapy.			
188	A Network Pharmacology Study on the Molecular Mechanisms of FDY003 for Breast Cancer Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2021</b> , 2021, 3919143	2.3		4
187	Combined Therapy of AAR Agonists and AAR Antagonists in Neuroinflammation. <b>2021</b> , 26,			4
186	Newly synthesized (R)-carvone-derived 1,2,3-triazoles: structural, mechanistic, cytotoxic and molecular docking studies. <b>2021</b> , 1-14			14
185	Cytotoxic effect of targeted biodegradable epothilone B and rapamycin co-loaded nanocarriers on breast cancer cells. <b>2021</b> , 109, 1693-1700			2
184	Synergy evaluation of non-normalizable dose-response data: Generalization of combination index for the linear effect of drugs. <b>2021</b> , 20, 982-989			
183	A genome-scale CRISPR Cas9 dropout screen identifies synthetically lethal targets in SRC-3 inhibited cancer cells. <b>2021</b> , 4, 399			0
182	Design and Synthesis of Novel Epigenetic Inhibitors Targeting Histone Deacetylases, DNA Methyltransferase 1, and Lysine Methyltransferase G9a with Efficacy in Multiple Myeloma. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 3392-3426	8.3		5
181	Herb-target virtual screening and network pharmacology for prediction of molecular mechanism of Danggui Beimu Kushen Wan for prostate cancer. <b>2021</b> , 11, 6656			7
180	TOR Inhibitors Synergistically Suppress the Growth and Development of , a Highly Destructive Pathogenic Oomycete. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 596874	5.7		1
179	Cryptotanshinone Inhibits ER $\alpha$ -Dependent and -Independent BCRP Oligomer Formation to Reverse Multidrug Resistance in Breast Cancer. <b>2021</b> , 11, 624811			2
178	Dichloroacetate and PX-478 exhibit strong synergistic effects in a various number of cancer cell lines. <b>2021</b> , 21, 481			2



177	Chemical-genetic interaction mapping links carbon metabolism and cell wall structure to tuberculosis drug efficacy.		0
176	Antipsychotic Agents. 1-69		0
175	Small Molecule Regulators Targeting NAD <sup>+</sup> Biosynthetic Enzymes. <b>2021</b> ,		0
174	Fine-tuning of a generative neural network for designing multi-target compounds. <b>2021</b> , 1		2
173	Dual-targeting Approach on Histamine H and Sigma-1 Receptor Ligands as Promising Pharmacological Tools in the Treatment of CNS-linked Disorders. <b>2021</b> , 28, 2974-2995		1
172	New Insight into Breast Cancer Cells Involving Drug Combinations for Dopamine and Serotonin Receptors. <b>2021</b> , 11, 6082		1
171	Therapeutic effect of curcumin in gastrointestinal cancers: A comprehensive review. <b>2021</b> , 35, 4834-4897		3
170	Recent Progress on Tubulin Inhibitors with Dual Targeting Capabilities for Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 7963-7990	8.3	14
169	Biologically Active $\alpha$ -Amino Amide Analogs and $\beta$ Cells-A Unique Anticancer Approach for Leukemia. <b>2021</b> , 11, 706586		3
168	Bioactives in Disease Prevention and Health Promotion: Exploiting Combinatorial Effects. <b>2021</b> , 17, 299-317		
167	Metabolomic Identification of Anticancer Metabolites of Australian Propolis and Proteomic Elucidation of Its Synergistic Mechanisms with Doxorubicin in the MCF7 Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
166	Systematic Prediction of Antifungal Drug Synergy by Chemogenomic Screening in <i>Saccharomyces cerevisiae</i> . <b>2021</b> , 2,		1
165	Rational Multitargeted Drug Design Strategy from the Perspective of a Medicinal Chemist. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 10581-10605	8.3	9
164	Combination Vs. Multi-target drugs: The Clash of the titans in the arena of drug discovery; An overview and in silico evaluation. <b>2021</b> , 4455-4462		1
163	COVID-19 pandemic is not the time of trial and error. <b>2021</b> , 46, 774-775		7
162	Anticancer Activity of Half-Sandwich Ru, Rh and Ir Complexes with Chrysin Derived Ligands: Strong Effect of the Side Chain in the Ligand and Influence of the Metal. <b>2021</b> , 13,		3
161	Biomedical Effects of the Phytonutrients Turmeric, Garlic, Cinnamon, Graviola, and Oregano: A Comprehensive Review. <b>2021</b> , 11, 8477		0
160	Synergistic Interactions of Cannabidiol with Chemotherapeutic Drugs in MCF7 Cells: Mode of Interaction and Proteomics Analysis of Mechanisms. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5

159	Korean traditional herbal formula Soshiho-tang attenuates memory impairment and neuronal damage in mice with amyloid-beta-induced Alzheimer's disease. <b>2021</b> , 10, 100723		2
158	Post-transcriptional and translational control of the morphology and virulence in human fungal pathogens. <b>2021</b> , 81, 101017		1
157	Mechanistic investigation of synergistic interaction of tocopherol succinate with a quinoline-based inhibitor of mammalian target of rapamycin. <b>2021</b> ,		0
156	Discovery of Natural Products as Multitarget Inhibitors of Insect Chitinolytic Enzymes through High-Throughput Screening. <b>2021</b> , 69, 10830-10837		6
155	Progress in the development of small molecular inhibitors of the Bruton's tyrosine kinase (BTK) as a promising cancer therapy. <b>2021</b> , 47, 116358		8
154	Bifunctional $\mu$ opioid and $\delta$ receptor ligands as novel analgesics with reduced side effects. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 223, 113658	6.8	3
153	N-2-(phenylamino) benzamide derivatives as novel anti-glioblastoma agents: Synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 226, 113817	6.8	0
152	Development and crystallography-aided SAR studies of multifunctional BuChE inhibitors and 5-HTR antagonists with $\beta$ amyloid anti-aggregation properties. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 225, 113792	6.8	3
151	Bioenergetic Inhibitors: Antibiotic Efficacy and Mechanisms of Action in. <b>2020</b> , 10, 611683		5
150	Target identification and polypharmacology of nutraceuticals. <b>2021</b> , 315-343		1
149	Molecular combination networks in medicinal plants: understanding synergy by network pharmacology in Indian traditional medicine. <b>2021</b> , 20, 693-703		2
148	MatchMaker: A Deep Learning Framework for Drug Synergy Prediction. <b>2021</b> , PP,		5
147	Magic bullets: Drug repositioning and drug combinations. <b>2021</b> ,		0
146	Cheminformatics Taking Biology into Account: Proteochemometrics. 57-92		2
145	Substoichiometric molecular control and amplification of the initiation and nature of amyloid fibril formation: lessons from and for blood clotting.		5
144	MatchMaker: A Deep Learning Framework for Drug Synergy Prediction.		1
143	The null additivity of multi-drug combinations.		4
142	Drug Discovery. <b>2008</b> , 103-165		10

141	High-throughput identification and rational design of synergistic small-molecule pairs for combating and bypassing antibiotic resistance. <b>2017</b> , 15, e2001644	38
140	NLLSS: Predicting Synergistic Drug Combinations Based on Semi-supervised Learning. <b>2016</b> , 12, e1004975	170
139	Targeting TMPRSS2 and Cathepsin B/L together may be synergistic against SARS-CoV-2 infection. <b>2020</b> , 16, e1008461	49
138	Drug inhibition profile prediction for NFB pathway in multiple myeloma. <b>2011</b> , 6, e14750	24
137	Existence of inverted profile in chemically responsive molecular pathways in the zebrafish liver. <b>2011</b> , 6, e27819	11
136	A systems biology approach to drug targets in <i>Pseudomonas aeruginosa</i> biofilm. <b>2012</b> , 7, e34337	28
135	Synergism and rules from combination of Baicalin, Jasminoidin and Desoxycholic acid in refined Qing Kai Ling for treat ischemic stroke mice model. <b>2012</b> , 7, e45811	19
134	Exploiting genomic knowledge in optimising molecular breeding programmes: algorithms from evolutionary computing. <b>2012</b> , 7, e48862	12
133	What does it take to synergistically combine sub-potent natural products into drug-level potent combinations?. <b>2012</b> , 7, e49969	13
132	The combination of RAD001 and MK-2206 exerts synergistic cytotoxic effects against PTEN mutant gastric cancer cells: involvement of MAPK-dependent autophagic, but not apoptotic cell death pathway. <b>2014</b> , 9, e85116	32
131	The anti-tumor histone deacetylase inhibitor SAHA and the natural flavonoid curcumin exhibit synergistic neuroprotection against amyloid-beta toxicity. <b>2014</b> , 9, e85570	31
130	Pooled screening for synergistic interactions subject to blocking and noise. <b>2014</b> , 9, e85864	2
129	ASDCD: antifungal synergistic drug combination database. <b>2014</b> , 9, e86499	50
128	Visualization of network target crosstalk optimizes drug synergism in myocardial ischemia. <b>2014</b> , 9, e88137	6
127	The use of functional chemical-protein associations to identify multi-pathway renoprotectants. <b>2014</b> , 9, e97906	5
126	Structure-Activity Relationship of Indole-Tethered Pyrimidine Derivatives that Concurrently Inhibit Epidermal Growth Factor Receptor and Other Angiokinases. <b>2015</b> , 10, e0138823	5
125	Investigating antimalarial drug interactions of emetine dihydrochloride hydrate using CalcuSyn-based interactivity calculations. <b>2017</b> , 12, e0173303	16
124	Target-similarity search using <i>Plasmodium falciparum</i> proteome identifies approved drugs with anti-malarial activity and their possible targets. <b>2017</b> , 12, e0186364	10

123	PROSPECTS OF CURCUMIN USE IN NANOBIO TECHNOLOGY. <b>2016</b> , 9, 23-36		2
122	Structure based design, synthesis and activity studies of small hybrid molecules as HDAC and G9a dual inhibitors. <b>2017</b> , 8, 63187-63207		22
121	CRISPR-based genetic interaction maps inform therapeutic strategies in cancer. <b>2018</b> , 7, S61-S67		7
120	Engineered Nanoparticles Against MDR in Cancer: The State of the Art and its Prospective. <b>2016</b> , 22, 4360-4373		39
119	A Review on the Antitumor Activity of Various Nitrogenous-based Heterocyclic Compounds as NSCLC Inhibitors. <b>2019</b> , 19, 1517-1530		16
118	Recent Status and Advancements in the Development of Antifungal Agents: Highlights on Plant and Marine Based Antifungals. <i>Current Topics in Medicinal Chemistry</i> , <b>2019</b> , 19, 812-830	3	3
117	Anti-Trypanosoma cruzi Activity and Molecular Docking Studies of 1Hpyrazolo[3, 4-b]pyridine Derivatives. <b>2020</b> , 17, 184-191		4
116	Bile Acid Conjugates with Anticancer Activity: Most Recent Research. <b>2020</b> , 26,		5
115	Linking Ayurveda and Western medicine by integrative analysis. <b>2013</b> , 4, 117-9		5
114	Preventive and Therapeutic Efficacies of Benincasa hispida and Sechium edule Fruit's Juice on Sweet-beverages Induced Impaired Glucose Tolerance and Oxidative Stress. <b>2013</b> , 4, 197-207		15
113	Protein-Tyrosine Phosphatase 1Inhibitory Activity Potential in Vegetables Juice. <b>2013</b> , 4, 311-319		5
112	Research Performance Evaluation Based on Quantitative Information Analysis in the Field of Herbal Medicine for Dementia Treatment. <b>2011</b> , 22, 101-113		2
111	A combination of curcumin, vorinostat and silibinin reverses A-induced nerve cell toxicity via activation of AKT-MDM2-p53 pathway. <b>2019</b> , 7, e6716		9
110	Nucleic Acid Drugs-Current Status, Issues, and Expectations for Exosomes. <b>2021</b> , 13,		7
109	Systematic Review of Polyherbal Combinations Used in Metabolic Syndrome. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 752926	5.6	1
108	Anti-Cancer Drug Screening with Microfluidic Technology. <b>2021</b> , 11, 9418		0
107	Wrapper Drugs as Therapeutic Editors of Side Effects. <b>2010</b> , 197-210		
106	References. <b>2012</b> , 459-595		1

- 105 Chapter 10:Small Molecules that Rescue F508del CFTR as Cystic Fibrosis Therapies. **2014**, 230-254
- 104 Network Biomarker Construction for Molecular Investigation and Diagnosis of Lung Cancer via Microarray Data. **2014**, 3-29
- 103 Wrapping Drug Combinations for Therapeutic Editing of Side Effects: Systems Biology Meets Wrapping Technology. **2015**, 259-284
- 102 Drug Combinations to Enhance Therapeutic Efficacy and Edit Out Side Effects and Resistance to Inhibition of Drug Resistance. **2016**, 323-350
- 101 Systems Chemical Biology: Integrating Medicinal Chemistry and Systems Biology for Drug Discovery. **2017**, 481-494
- 100 Drug Screening Platforms and RPPA. **2019**, 1188, 203-226 1
- 99 In-silico Targets in Neurodegenerative Disorders. **2019**, 403-419
- 98 Recent Advances in the Quest for Treatment and Management of Alzheimer and Other Dementia. **2019**, 09, 1-35 1
- 97 In Silico Molecular Modelling: Key Technologies in the Drug Discovery Process to Combat Multidrug Resistance. **2019**, 213-238
- 96 Controlling the "Opioid Epidemic": A Novel Chemical Entity (NCE) to Reduce or Supplant Opiate Use for Chronic Pain. **2020**, 5,
- 95 An integrated approach of network based system pharmacology approach and molecular docking to explore multiscale role of *Pinus roxburghii* and investigation into its mechanism. **2020**, 16, 586 0
- 94 Evaluation of efficacy of extract and its major constituent, mangiferin in streptozotocin (STZ)-induced diabetic rats. **2020**, 18, 311-318 1
- 93 ScaffoldComb: A Phenotype-Based Framework for Drug Combination Virtual Screening in Large-Scale Chemical Datasets. **2021**, e2102092 1
- 92 Identification of the gene as a potential target for epilepsy therapy and the association between rs10496964 and expression. **2020**, 48, 300060520980527 3
- 91 Linking histone deacetylases and phosphodiesterase 5 in novel treatments for Alzheimer's disease. **2020**, 213-226
- 90 Futuristic Approaches Towards Designing of Isozyme-Selective Histone Deacetylase Inhibitors Against Zinc-Dependent Histone Deacetylases. **2020**, 241-258
- 89 Tyrosine-Derived Novel Benzoxazine Active in a Rat Syngenic Mammary Tumor Model of Breast Cancer. *Journal of Medicinal Chemistry*, **2021**, 64, 16293-16316 8.3 0
- 88 Ceragenins and antimicrobial peptides kill bacteria through distinct mechanisms. 1

87	Computational Prospecting for the Pharmacological Mechanism of Activity: HIV-1 Inhibition by Ixoratannin A-2. <b>2020</b> , 16, 376-388		0
86	Extending the rationale of combination therapy to unresponsive erectile dysfunction. <b>2007</b> , 9, 197-206		6
85	Rationale for the use of multifunctional drugs as neuroprotective agents for glaucoma. <b>2012</b> , 7, 313-8		3
84	Efficacy and safety of cyclophosphamide combined with mycophenolate mofetil for induction treatment of class IV lupus nephritis. <b>2015</b> , 8, 21572-8		8
83	In vitro antioxidant, antiglycation, and enzymatic inhibitory activity against $\alpha$ -glucosidase, $\alpha$ -amylase, lipase and HMG-CoA reductase of Terminalia boivini Tul.. <b>2022</b> , 39, 102235		1
82	Inhibition of Src/STAT3 signaling-mediated angiogenesis is involved in the anti-melanoma effects of dioscin. <i>Pharmacological Research</i> , <b>2021</b> , 175, 105983	10.2	1
81	Exploratory study of VVZ-149, a novel analgesic molecule, in the affective component of acute postoperative pain after laparoscopic colorectal surgery. <i>Journal of Clinical Anesthesia</i> , <b>2022</b> , 76, 110576 <sup>1-9</sup>		
80	The hybrid compounds as multi-target ligands for the treatment of Alzheimer's Disease: Considerations on Donepezil. <i>Current Topics in Medicinal Chemistry</i> , <b>2021</b> ,	3	0
79	An Insight into Targeted Therapy for Ovarian Cancer. <b>2022</b> , 1-22		
78	In vitro selection of ketoconazole-pentamidine-resistant Leishmania (Viannia) braziliensis strains.. <i>Experimental Parasitology</i> , <b>2021</b> , 233, 108206	2.1	
77	DaiCee: A database for anti-cancer compounds with targets and side effect profiles. <i>Bioinformatics</i> , <b>2020</b> , 16, 843-848	1.1	
76	Ceragenins and Antimicrobial Peptides Kill Bacteria through Distinct Mechanisms.. <i>MBio</i> , <b>2022</b> , e02726217.8	1.8	3
75	(E)-1-(3-Benzoyl-4-phenyl-1H-pyrrol-1-yl)-3-phenylprop-2-en-1-one. <i>MolBank</i> , <b>2022</b> , 2022, M1314	0.5	
74	A New Prospect for the Treatment of Nephrotic Syndrome Based on Network Pharmacology Analysis.. <i>Current Research in Physiology</i> , <b>2022</b> , 5, 36-47	1.8	0
73	Non-parametric synergy modeling of chemical compounds with Gaussian processes.. <i>BMC Bioinformatics</i> , <b>2022</b> , 23, 14	3.6	1
72	Polypharmacological Approaches for CNS Diseases: Focus on Endocannabinoid Degradation Inhibition.. <i>Cells</i> , <b>2022</b> , 11,	7.9	0
71	Prevention, inhibition, and degradation effects of melittin alone and in combination with vancomycin and rifampin against strong biofilm producer strains of methicillin-resistant Staphylococcus epidermidis.. <i>Biomedicine and Pharmacotherapy</i> , <b>2022</b> , 147, 112670	7.5	2
70	Recent Advances in Dual BRD4-Kinase Inhibitors Base on Polypharmacology.. <i>ChemMedChem</i> , <b>2022</b> ,	3.7	1

69	Study on the Mechanism of Honghua against Rheumatoid Arthritis Based on Network Pharmacology and Molecular Docking. <i>Traditional Chinese Medicine</i> , <b>2022</b> , 11, 290-299	0	
68	Dual Reversible Coumarin Inhibitors Mutually Bound to Monoamine Oxidase B and Acetylcholinesterase Crystal Structures.. <i>ACS Medicinal Chemistry Letters</i> , <b>2022</b> , 13, 499-506	4.3	0
67	The Design and Optimization of Monomeric Multitarget Peptides for the Treatment of Multifactorial Diseases.. <i>Journal of Medicinal Chemistry</i> , <b>2022</b> ,	8.3	
66	Antifungal Activity of Human Cathelicidin LL-37, a Membrane Disrupting Peptide, by Triggering Oxidative Stress and Cell Cycle Arrest in .. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2022</b> , 8,	5.6	2
65	Modular Screening Reveals Driver Induced Additive Mechanisms of Baicalin and Jasminoidin on Cerebral Ischemia Therapy.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 813983	5.4	0
64	Development of PNC-27 targeted codelivery system for survivin-shRNA and SN38 against colon adenocarcinoma in vitro and in vivo. <i>Journal of Drug Delivery Science and Technology</i> , <b>2022</b> , 69, 103180	4.5	
63	A plant mannose-binding lectin and fluconazole: key targets combination against <i>Candida albicans</i> .. <i>Journal of Applied Microbiology</i> , <b>2022</b> ,	4.7	0
62	Chemical-genetic interaction mapping links carbon metabolism and cell wall structure to tuberculosis drug efficacy.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2201632119	11.5	2
61	Silver Nanoparticles Functionalized With Antimicrobial Polypeptides: Benefits and Possible Pitfalls of a Novel Anti-infective Tool.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 750556	5.7	4
60	Screening of potential antidiabetic phytochemicals from <i>Gongronema latifolium</i> leaf against therapeutic targets of type 2 diabetes mellitus: multi-targets drug design. <i>SN Applied Sciences</i> , <b>2022</b> , 4,	1.8	0
59	Structural and Molecular Insight into Piperazine and Piperidine Derivatives as Histamine H and Sigma-1 Receptor Antagonists with Promising Antinociceptive Properties.. <i>ACS Chemical Neuroscience</i> , <b>2021</b> ,	5.7	2
58	Synergistic hypoglycemic and hypolipidemic effects of $\Omega$ 3 and $\Omega$ 6 fatty acids from Indian flax and sesame seed oils in Streptozotocin-induced diabetic rats. <i>Phytomedicine Plus</i> , <b>2022</b> , 100284		0
57	Table_1.docx. <b>2020</b> ,		
56	Data_Sheet_1.PDF. <b>2018</b> ,		
55	Image_1.tif. <b>2019</b> ,		
54	Presentation_1.PPTX. <b>2019</b> ,		
53	Image_1.PDF. <b>2018</b> ,		
52	COX-2/SEH Dual Inhibitor PTUPB Attenuates Epithelial-Mesenchymal Transformation of Alveolar Epithelial Cells Nrf2-Mediated Inhibition of TGF-1/Smad Signaling.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2022</b> , 2022, 5759626	6.7	0

51	Deciphering the Underlying Mechanisms of Formula Le-Cao-Shi Against Liver Injuries by Integrating Network Pharmacology, Metabonomics, and Experimental Validation.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 884480	5.6	
50	New 1,2,3-triazole linked ciprofloxacin-chalcones induce DNA damage by inhibiting human topoisomerase I& II and tubulin polymerization.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2022</b> , 37, 1346-1363	5.6	1
49	Orientin Enhances Colistin-Mediated Bacterial Lethality through Oxidative Stress Involvement.. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2022</b> , 2022, 3809232	2.3	0
48	Evaluation of synergism in drug combinations and reference models for future orientations in oncology. <i>Current Research in Pharmacology and Drug Discovery</i> , <b>2022</b> , 100110	3	2
47	Effects of Linkers and Substitutions on Multitarget Directed Ligands for Alzheimer's Diseases: Emerging Paradigms and Strategies. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6085	6.3	0
46	Robotic Printed Combinatorial Droplet (RoboDrop) for Antibiotic Combination Screening. <b>2022</b> ,		
45	Defective synaptic plasticity in a model of Coffin-Lowry Syndrome is rescued by simultaneously targeting PKA and MAPK pathways.		
44	Highly Synergistic Effects of Melittin With Vancomycin and Rifampin Against Vancomycin and Rifampin Resistant Staphylococcus epidermidis. <i>Frontiers in Microbiology</i> , 13,	5.7	0
43	Pharmacogenetics of Praziquantel Metabolism: Evaluating the Cytochrome P450 Genes of Zimbabwean Patients During a Schistosomiasis Treatment. <i>Frontiers in Genetics</i> , 13,	4.5	0
42	Synchronizing the release rates of topotecan and paclitaxel from a self-eroding crosslinked chitosan PLGA platform. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 623, 121945	6.5	
41	Charge Reversal Hairpin Peptides Modified Synergy Therapeutic Nanoplatfoms for Tumor Specific Drug Shuttling. <i>Biomaterials Science</i> ,	7.4	
40	Synergy and network pharmacology Establishing the efficacy of herbal medicine. <b>2022</b> , 501-510		
39	Identify Multiple Gene-Drug Common Modules Via Constrained Graph Matching. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2022</b> , 1-12	7.2	
38	Targeting fungal membrane homeostasis with imidazopyrazoindoles impairs azole resistance and biofilm formation. <i>Nature Communications</i> , <b>2022</b> , 13,	17.4	2
37	Combinational Drug Repurposing from Genetic Networks Applied to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2022</b> , 1-19	4.3	
36	Translational Research on Chagas Disease: Focusing on Drug Combination and Repositioning.		
35	Design, synthesis and biological evaluation of quinoline-2-carbonitrile-based hydroxamic acids as dual tubulin polymerization and histone deacetylases inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 240, 114573	6.8	1
34	Basics of Polypharmacology. <b>2022</b> , 1-41		



33	The repositioned drugs disulfiram/diethyldithiocarbamate combined to benznidazole: Searching for Chagas disease selective therapy, preventing toxicity and drug resistance. 12,	2
32	Fungicidal activity of human antimicrobial peptides and their synergistic interaction with common antifungals against multidrug resistant <i>Candida auris</i> .	
31	Therapeutic approach with commercial supplements for pantothenate kinase-associated neurodegeneration with residual PANK2 expression levels. <b>2022</b> , 17,	1
30	Rational Design and Identification of Novel Piperine Derivatives as Multichitinase Inhibitors. <b>2022</b> , 70, 10326-10336	1
29	Does consumer demand pull scientifically novel drug innovation?.	0
28	An Insight into Targeted Therapy for Ovarian Cancer. <b>2022</b> , 2635-2656	0
27	Polypharmacology in Drug Design and DiscoveryBasis for Rational Design of Multitarget Drugs. <b>2022</b> , 397-533	0
26	Antitumor effects of new glycoconjugated PII agents dual-targeting GLUT1 and Pgp proteins.	1
25	Effects of Jacalin- a galactose binding lectin on MDA-MB-468, a triple-negative breast cancer cell line, and its combinatorial effect with taxol.	0
24	Pitavastatin and Ivermectin Enhance the Efficacy of Paclitaxel in Chemoresistant High-Grade Serous Carcinoma. <b>2022</b> , 14, 4357	1
23	Identification of the Mechanism of Matrine Combined with Glycyrrhizin for Hepatocellular Carcinoma Treatment through Network Pharmacology and Bioinformatics Analysis. <b>2022</b> , 2022, 1-31	0
22	Inhibition of phosphodiesterase: A novel therapeutic target for the treatment of mild cognitive impairment and Alzheimer's disease. 14,	1
21	Novel combretastatin A-4 derivative containing aminophosphonates as dual inhibitors of tubulin and matrix metalloproteinases for lung cancer treatment. <b>2022</b> , 114817	0
20	Design of Improved Antidiabetic Drugs: A Journey from Single to Multi-target Agents.	0
19	Fungicidal activity of human antimicrobial peptides and their synergistic interaction with common antifungals against multidrug-resistant <i>Candida auris</i> .	0
18	Whole transcriptome sequencing analysis of synergistic combinations of plant-based antimicrobials and zinc oxide nanoparticles against <i>Campylobacter jejuni</i> . <b>2023</b> , 266, 127246	0
17	Dynamical Synergy of Drug Combinations during Cancer Chemotherapy. <b>2022</b> , 12, 1873	0
16	Hybrid ultrasound-activated nanoparticles based on graphene quantum dots for cancer treatment. <b>2022</b> , 629, 122373	0

- 15 Structure based design and evaluation of benzoheterocycle derivatives as potential dual HIV-1 protease and reverse transcriptase inhibitors. **2023**, 246, 114981 ○
- 14 Defective synaptic plasticity in a model of Coffin-Lowry syndrome is rescued by simultaneously targeting PKA and MAPK pathways. **2022**, 29, 435-446 ○
- 13 Reverse total shoulder arthroplasty pain and function: new perspectives from a 10-year multicenter study at the 7-year follow-up. ○
- 12 Metformin: A Small Molecule with Multi-Targets and Diverse Therapeutic Applications. ○
- 11 Methotrexate inhibition of SARS-CoV-2 entry, infection and inflammation revealed by bioinformatics approach and a hamster model. 13, ○
- 10 Pharmacological Modulation of the Crosstalk between Aberrant Janus Kinase Signaling and Epigenetic Modifiers of the Histone Deacetylase Family to Treat Cancer. PHARMREV-AR-2022-000612 ○
- 9 Dual-analgesic loaded UHMWPE exhibits synergistic antibacterial effects against Staphylococci. ○
- 8 Synergistic Combinations of FDA-Approved Drugs with Ceftobiprole against Methicillin-Resistant Staphylococcus aureus. 1
- 7 Synthesis and Crystal Structure of Adamantylated 4,5,6,7-tetrahalogeno-1H-benzimidazoles Novel Multi-Target Ligands (Potential CK2, M2 and SARS-CoV-2 Inhibitors). X-ray/DFT/QTAIM/Hirshfeld Surfaces/Molecular Docking Study. **2023**, 28, 147 1
- 6 Interactomes-Scaffolds of Cellular Systems. **2016**, 430-443 ○
- 5 A Synthetic Overview of Benzoxazines and Benzoxazepines as Anticancer Agents. ○
- 4 Combined Use of Antimicrobial Peptides with Antiseptics against Multidrug-Resistant Bacteria: Pros and Cons. **2023**, 15, 291 1
- 3 Phytochemical screening and GC-MS chemical profiling of an innovative anti-cancer herbal formula (PHF6). **2023**, 35, 102525 ○
- 2 Systematic analysis of microorganisms metabolism for selective targeting. ○
- 1 Network analyses reveal new insights into the effect of multicomponent Tr14 compared to single-component diclofenac in an acute inflammation model. **2023**, 20, ○