

Mohammad Amjad Kamal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

475
papers

8,124
citations

43
h-index

66
g-index

575
ext. papers

10,728
ext. citations

3.7
avg, IF

6.6
L-index

#	Paper	IF	Citations
475	and Analyses of the Inhibitory Action of the Alzheimer Drug Posiphen and Primary Metabolites with Human Acetyl- and Butyrylcholinesterase Enzymes.. <i>ACS Pharmacology and Translational Science</i> , 2022 , 5, 70-79	5.9	0
474	Therapeutic role of flavonoids in lung inflammatory disorders. <i>Phytomedicine Plus</i> , 2022 , 2, 100221		1
473	Emergence of SARS-CoV-2 Omicron (B.1.1.529) variant, salient features, high global health concerns and strategies to counter it amid ongoing COVID-19 pandemic.. <i>Environmental Research</i> , 2022 , 209, 112816	7.9	27
472	Diallyl disulfide and diallyl trisulfide in garlic as novel therapeutic agents to overcome drug resistance in breast cancer.. <i>Journal of Pharmaceutical Analysis</i> , 2022 , 12, 221-231	14	1
471	Therapeutic and pharmacological potential of Tanshinones against lung cancer: A systematic review. <i>Phytomedicine Plus</i> , 2022 , 2, 100202		4
470	Nanotechnology and Its Applications: Insight into Bacteriological Interactions and Bacterial Gene Transfer. <i>Materials Horizons</i> , 2022 , 479-497	0.6	
469	The Role of Epigenetic Modifications in Human Cancers and the Use of Natural Compounds as Epidrugs: Mechanistic Pathways and Pharmacodynamic Actions.. <i>Biomolecules</i> , 2022 , 12,	5.9	9
468	Elucidations of Molecular Mechanism and Mechanistic Effects of Environmental Toxicants in Neurological Disorders.. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022 ,	2.6	2
467	A global report on the dynamics of COVID-19 with quarantine and hospitalization: A fractional order model with non-local kernel.. <i>Computational Biology and Chemistry</i> , 2022 , 98, 107645	3.6	3
466	DeePred-BBB: A Blood Brain Barrier Permeability Prediction Model With Improved Accuracy.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 858126	5.1	2
465	Multi-staged gene expression profiling reveals potential genes and the critical pathways in kidney cancer.. <i>Scientific Reports</i> , 2022 , 12, 7240	4.9	0
464	Natural therapeutics and nutraceuticals for lung diseases: Traditional significance, phytochemistry, and pharmacology. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 113041	7.5	13
463	Efficacy of <i>Acacia nilotica</i> Linn. Pod β Sitz Bath plus Vaginal Pessary in Syndromic Management of Abnormal Vaginal Discharge: A Randomized Controlled Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 1-11	2.3	2
462	Antiviral effects of probiotic metabolites on COVID-19. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 4175-4184	3.6	49
461	A Critical Transcription Factor NF- κ B as a Cancer Therapeutic Target and its Inhibitors as Cancer Treatment Options. <i>Current Medicinal Chemistry</i> , 2021 , 28, 4117-4132	4.3	10
460	Analysis of post COVID-19 condition and its overlap with myalgic encephalomyelitis/chronic fatigue syndrome. <i>Journal of Advanced Research</i> , 2021 ,	13	7
459	Association of Oxidative Stress with Neurological Disorders. <i>Current Neuropharmacology</i> , 2021 ,	7.6	2

458	Natural Products for the Prevention and Control of the COVID-19 Pandemic: Sustainable Bioresources.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 758159	5.6	4
457	Targeting COVID-19 in Parkinson's Patients: Drugs Repurposed. <i>Current Medicinal Chemistry</i> , 2021 , 28, 2392-2408	4.3	6
456	Natural Products: A Rich Source of Antiviral Drug Lead Candidates for the Management of COVID-19. <i>Current Pharmaceutical Design</i> , 2021 , 27, 3526-3550	3.3	9
455	Clinical Review of COVID-19; Pathogenesis, Diagnosis, and Management. <i>Current Pharmaceutical Design</i> , 2021 , 27, 4232-4244	3.3	8
454	Prospective Function of Different Antioxidant Containing Natural Products in the Treatment of Neurodegenerative Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 , 20, 694-703	2.6	8
453	Cardiac Biomarkers in Stroke, Alzheimer's Disease, and Other Dementia. Are They of Use? A Brief Overview of Data from Recent Investigations. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 , 20, 687-693	2.6	2
452	Natural Products Homoharringtonine and Emetine Alkaloids as SARS-CoV-2 Treatment Options. <i>Current Pharmaceutical Design</i> , 2021 , 27, 3444-3453	3.3	0
451	Can manipulation of gut microbiota really be transformed into an intervention strategy for cardiovascular disease management?. <i>Folia Microbiologica</i> , 2021 , 66, 897-916	2.8	0
450	Coronavirus Disease -2019 (COVID-19) in 2020: A Perspective Study of a Global Pandemic. <i>Current Pharmaceutical Design</i> , 2021 , 27, 3435-3443	3.3	2
449	Bacterial Nanocellulose based wound dressings: Current and Future Prospects. <i>Current Pharmaceutical Design</i> , 2021 ,	3.3	5
448	Natural Product-Based Studies for the Management of Castration-Resistant Prostate Cancer: Computational to Clinical Studies. <i>Frontiers in Pharmacology</i> , 2021 , 12, 732266	5.6	4
447	Decoding the Inter-Relationship between Sleep Disorders and Alzheimer's Disease Pathogenesis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 , 20, 723-735	2.6	
446	Gene Expression Profiling of Early Acute Febrile Stage of Dengue Infection and Its Comparative Analysis With Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 707905	5.9	4
445	Prospects for Discovering the Secondary Metabolites of Sensu Lato by the Integrated Strategy. <i>Medicinal Chemistry</i> , 2021 , 17, 97-120	1.8	2
444	Emergence and Re-emergence of Human Coronaviruses: Spike Protein as the Potential Molecular Switch and Pharmaceutical Target. <i>Current Pharmaceutical Design</i> , 2021 , 27, 3566-3576	3.3	
443	Persons with co-existing neurological disorders: Risk analysis, considerations and management in COVID-19 pandemic. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 ,	2.6	12
442	Tumor Angiogenesis and VEGFR-2: Mechanism, Pathways and Current Biological Therapeutic Interventions. <i>Current Drug Metabolism</i> , 2021 , 22, 50-59	3.5	8
441	Impact of Traditional Plants and their Secondary Metabolites in the Discovery of COVID-19 Treatment. <i>Current Pharmaceutical Design</i> , 2021 , 27, 1123-1143	3.3	2

440	A deep neural network-based approach for prediction of mutagenicity of compounds. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 47641-47650	5.1	3
439	Clinical Characteristics of the First 100 Patients of COVID-19 in Tobruk, Libya: A Brief Report From Low-Resource Settings. <i>Disaster Medicine and Public Health Preparedness</i> , 2021 , 1-4	2.8	2
438	Prevalence and characteristics of fever in adult and paediatric patients with coronavirus disease 2019 (COVID-19): A systematic review and meta-analysis of 17515 patients. <i>PLoS ONE</i> , 2021 , 16, e0249788	3.7	21
437	The Computational Intervention of Macrolide Antibiotics in the Treatment of COVID-19. <i>Current Pharmaceutical Design</i> , 2021 , 27, 1202-1210	3.3	0
436	Elucidation of PLK1 Linked Biomarkers in Oesophageal Cancer Cell Lines: A Step Towards Novel Signaling Pathways by p53 and PLK1-Linked Functions Crosstalk. <i>Protein and Peptide Letters</i> , 2021 , 28, 340-358	1.9	
435	miRNAs in SARS-CoV 2: A Spoke in the Wheel of Pathogenesis. <i>Current Pharmaceutical Design</i> , 2021 , 27, 1628-1641	3.3	20
434	Prevention Knowledge and Its Practice Towards COVID-19 Among General Population of Saudi Arabia: A Gender-based Perspective. <i>Current Pharmaceutical Design</i> , 2021 , 27, 1642-1648	3.3	8
433	Multi-Omics Approach in the Identification of Potential Therapeutic Biomolecule for COVID-19. <i>Frontiers in Pharmacology</i> , 2021 , 12, 652335	5.6	8
432	Current Overviews on COVID-19 Management Strategies. <i>Current Pharmaceutical Biotechnology</i> , 2021 ,	2.6	3
431	Computational Analysis of Domains Vulnerable to HPV-16 E6 Oncoprotein and Corresponding Hot Spot Residues. <i>Protein and Peptide Letters</i> , 2021 , 28, 414-425	1.9	
430	QSCR Analysis of Cytotoxicity of 6-Fluoro-3-(4H-1,2,4-triazol-3-yl)quinolin-4(1H)-ones on Chinese Hamster Ovary Cell Line: Design of REPUBLIC1986. <i>Current Medicinal Chemistry</i> , 2021 ,	4.3	4
429	Antimicrobial and Antifungal Properties of Leaves to Root Extracts and Saponin Fractions of <i>Chlorophytum borivilianum</i> . <i>Current Bioactive Compounds</i> , 2021 , 17,	0.9	2
428	Nanoparticles guided drug delivery and imaging in gastric cancer. <i>Seminars in Cancer Biology</i> , 2021 , 69, 69-76	12.7	13
427	Drug designing against NSP15 of SARS-COV2 via high throughput computational screening and structural dynamics approach. <i>European Journal of Pharmacology</i> , 2021 , 892, 173779	5.3	5
426	Particulate β glucan activates early and delayed phagosomal maturation and autophagy within macrophage in a NOX-2 dependent manner. <i>Life Sciences</i> , 2021 , 266, 118851	6.8	1
425	Micro-RNAs in the regulation of immune response against SARS CoV-2 and other viral infections. <i>Journal of Advanced Research</i> , 2021 , 30, 133-145	13	20
424	Dietary flavonoids: Nano delivery and nanoparticles for cancer therapy. <i>Seminars in Cancer Biology</i> , 2021 , 69, 150-165	12.7	26
423	Nanotechnological based miRNA intervention in the therapeutic management of neuroblastoma. <i>Seminars in Cancer Biology</i> , 2021 , 69, 100-108	12.7	22

4 ²²	Flavonoids nanoparticles in cancer: Treatment, prevention and clinical prospects. <i>Seminars in Cancer Biology</i> , 2021 , 69, 200-211	12.7	54
4 ²¹	Engineered nanoparticles for imaging and drug delivery in colorectal cancer. <i>Seminars in Cancer Biology</i> , 2021 , 69, 293-306	12.7	26
4 ²⁰	Horizons of nanotechnology applications in female specific cancers. <i>Seminars in Cancer Biology</i> , 2021 , 69, 376-390	12.7	17
4 ¹⁹	Specific targeting cancer cells with nanoparticles and drug delivery in cancer therapy. <i>Seminars in Cancer Biology</i> , 2021 , 69, 166-177	12.7	59
4 ¹⁸	Nanomedicine in treatment of breast cancer - A challenge to conventional therapy. <i>Seminars in Cancer Biology</i> , 2021 , 69, 279-292	12.7	22
4 ¹⁷	A Direct Method for RT-PCR Detection of SARS-CoV-2 in Clinical Samples. <i>Healthcare (Switzerland)</i> , 2021 , 9,	3.4	4
4 ¹⁶	Emerging Therapeutic Approaches to COVID-19. <i>Current Pharmaceutical Design</i> , 2021 , 27, 3370-3388	3.3	1
4 ¹⁵	A cross-talk between gut microbiome, salt and hypertension. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 134, 111156	7.5	20
4 ¹⁴	Diabetic Cardiomyopathy: From Mechanism to Management in a Nutshell. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021 , 21, 268-281	2.2	3
4 ¹³	Structure-Based Identification of Natural Products as SARS-CoV-2 M Antagonist from Using Computational Approaches. <i>Viruses</i> , 2021 , 13,	6.2	8
4 ¹²	Sleep Disorders Research From 1945 to 2020: A Bibliometric Analysis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 , 20, 574-593	2.6	0
4 ¹¹	Cellular and Molecular Mechanisms of Dementia: Decoding the Causal link of Diabetes Mellitus in Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 , 20, 602-612	2.6	1
4 ¹⁰	Molecular docking of alpha-enolase to elucidate the promising candidates against Streptococcus pneumoniae infection. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021 , 29, 73-84	3.9	3
4 ⁰⁹	Neural Stem Cell-Based Therapies and Glioblastoma Management: Current Evidence and Clinical Challenges. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
4 ⁰⁸	Molecular Docking Studies Reveal Rhein from rhubarb () as a Putative Inhibitor of ATP-binding Cassette Super-family G member 2. <i>Medicinal Chemistry</i> , 2021 , 17, 273-288	1.8	7
4 ⁰⁷	Functional Neuroproteomics: An Imperative Approach for Unravelling Protein Implicated Complexities of Brain. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 , 20, 613-624	2.6	
4 ⁰⁶	Study of Nutraceuticals and Phytochemicals for the Management of Alzheimer's Disease: A Review. <i>Current Neuropharmacology</i> , 2021 , 19, 1884-1895	7.6	1
4 ⁰⁵	CRISPR/Cas9 gene editing: New hope for Alzheimer's disease therapeutics. <i>Journal of Advanced Research</i> , 2021 ,	13	3

404	Interaction of Ectodomain of Respiratory Syncytial Virus G Protein with TLR2/TLR6 Heterodimer: An In vitro and In silico Approach to Decipher the Role of RSV G Protein in Pro-inflammatory Response against the Virus. <i>Current Pharmaceutical Design</i> , 2021 , 27, 4464-4476	3.3	0
403	Synopsis of Pharmotechnological Approaches in Diagnostic and Management Strategies for Fighting Against COVID-19. <i>Current Pharmaceutical Design</i> , 2021 , 27, 4086-4099	3.3	0
402	Inflammation and Alzheimer's Disease: Mechanisms and Therapeutic Implications by Natural Products. <i>Mediators of Inflammation</i> , 2021 , 2021, 9982954	4.3	8
401	Melatonin and Sleep Disturbances in Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 , 20, 736-754	2.6	3
400	Mechanistic insights into the Japanese encephalitis virus RNA dependent RNA polymerase protein inhibition by bioflavonoids from <i>Azadirachta indica</i> . <i>Scientific Reports</i> , 2021 , 11, 18125	4.9	3
399	Promiscuous Biological Features of Newly Emerged SARS-CoV-2 Facilitate its Unrestrained Outbreak: An Update. <i>Coronaviruses</i> , 2021 , 2,	1.5	1
398	Honokiol: A review of its pharmacological potential and therapeutic insights. <i>Phytomedicine</i> , 2021 , 90, 153647	6.5	11
397	ROS-Responsive Nanomedicine: Towards Targeting the Breast Tumor Microenvironment. <i>Current Medicinal Chemistry</i> , 2021 , 28, 5674-5698	4.3	0
396	Natural products: Potential targets of TME related long non-coding RNAs in lung cancer. <i>Phytomedicine</i> , 2021 , 93, 153782	6.5	0
395	Understanding the role of potential pathways and its components including hypoxia and immune system in case of oral cancer. <i>Scientific Reports</i> , 2021 , 11, 19576	4.9	5
394	Polyphenols as Modulators of Oxidative Stress in Cancer Disease 2021 , 143-188		0
393	RNA Secondary Structures in Neurodegeneration 2021 , 165-189		
392	SARS-CoV-2 M inhibitors: identification of anti-SARS-CoV-2 M compounds from FDA approved drugs. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-16	3.6	31
391	Dominance of the ON1 Genotype of RSV-A and BA9 Genotype of RSV-B in Respiratory Cases from Jeddah, Saudi Arabia. <i>Genes</i> , 2020 , 11,	4.2	2
390	Antibiotics: A Bibliometric Analysis of Top 100 Classics. <i>Antibiotics</i> , 2020 , 9,	4.9	12
389	A CBCT Based Three-Dimensional Assessment of Mandibular Posterior Region for Evaluating the Possibility of Bypassing the Inferior Alveolar Nerve While Placing Dental Implants. <i>Diagnostics</i> , 2020 , 10,	3.8	9
388	NMR: From Molecular Mechanism to its Application in Medical Care. <i>Medicinal Chemistry</i> , 2020 , 16, 1089-1098		0
387	mTor Targeting by Different Flavonoids for Cancer Prevention. <i>Current Medicinal Chemistry</i> , 2020 ,	4.3	5

386	Inhibits Growth and Migration of Lung Cancer Cells through Regulating p53-Bcl2 and MMPs Pathways. <i>The American Journal of Chinese Medicine</i> , 2020 , 48, 1941-1953	6	1
385	Edible Nuts for Memory. <i>Current Pharmaceutical Design</i> , 2020 , 26, 4712-4720	3.3	1
384	The Language Development FOXP2 in Autism Spectrum Disorder: A Review. <i>Current Pharmaceutical Design</i> , 2020 , 26, 4789-4795	3.3	1
383	A Study on Serological Reactivity Profile of Different Antigen Preparations with Human Infection Sera. <i>Protein and Peptide Letters</i> , 2020 , 27, 841-850	1.9	
382	Computational Analysis of Dynamical Fluctuations of Oncoprotein E7 (HPV 16) for the Hot Spot Residue Identification Using Elastic Network Model. <i>Letters in Drug Design and Discovery</i> , 2020 , 17, 1393-1400	3.8	1
381	Identification of Putative Multifunctional Drug Against Anthrax Toxins via Integrative Computational Approach. <i>Letters in Drug Design and Discovery</i> , 2020 , 17, 1516-1530	0.8	
380	A Computational Study of Natural Compounds from <i>Bacopa monnieri</i> in the Treatment of Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2020 , 26, 790-800	3.3	5
379	Role of Dietary Antioxidants in Neurodegenerative Diseases: Where are We Standing?. <i>Current Pharmaceutical Design</i> , 2020 , 26, 714-729	3.3	5
378	Role of ATP-Binding Cassette Transporter Proteins in CNS Tumors: Resistance- Based Perspectives and Clinical Updates. <i>Current Pharmaceutical Design</i> , 2020 , 26, 4747-4763	3.3	2
377	Multiple Risk Factors: A Challenge in the Management of Autism. <i>Current Pharmaceutical Design</i> , 2020 , 26, 743-754	3.3	4
376	Ajmalicine and its Analogues Against AChE and BuChE for the Management of Alzheimer's Disease: An Study. <i>Current Pharmaceutical Design</i> , 2020 , 26, 4808-4814	3.3	3
375	Cross-Interplay between Osmolytes and mTOR in Alzheimer's Disease Pathogenesis. <i>Current Pharmaceutical Design</i> , 2020 , 26, 4699-4711	3.3	2
374	COVID-19 Outbreak and Emerging Management through Pharmaceutical Therapeutic Strategy. <i>Current Pharmaceutical Design</i> , 2020 , 26, 5224-5240	3.3	14
373	The Emergence of Human Pathogenic Coronaviruses: Lectins as Antivirals for SARS-CoV-2. <i>Current Pharmaceutical Design</i> , 2020 , 26, 5286-5292	3.3	4
372	Comparative Study of Gene Expression Profiling Unravels Functions Associated with Pathogenesis of Dengue Infection. <i>Current Pharmaceutical Design</i> , 2020 , 26, 5293-5299	3.3	5
371	Stem Cells in Tumour Microenvironment Aid in Prolonged Survival Rate of Cancer Cells and Developed Drug Resistance: Major Challenge in Osteosarcoma Treatment. <i>Current Drug Metabolism</i> , 2020 , 21, 44-52	3.5	9
370	Tubulin Proteins in Cancer Resistance: A Review. <i>Current Drug Metabolism</i> , 2020 , 21, 178-185	3.5	6
369	An Increasing Role of Polyphenols as Novel Therapeutics for Alzheimer's: A Review. <i>Medicinal Chemistry</i> , 2020 , 16, 1007-1021	1.8	7

368	Synthesis of Silver Nanoparticles using <i>Euphorbia wallichii</i> Extract and Assessment of their Bio-Functionalities. <i>Medicinal Chemistry</i> , 2020 , 16, 495-506	1.8	8
367	Versatile and Valuable Utilization of Amidohydrolase L-glutaminase in Pharma and Food industries: A Review. <i>Current Drug Metabolism</i> , 2020 , 21, 11-24	3.5	3
366	Bibliometric Analysis of Current Drug Metabolism: The Twentieth Anniversary from 2000-2019. <i>Current Drug Metabolism</i> , 2020 , 21, 685-703	3.5	2
365	Interaction of human dynein light chain 1 (DYNLL1) with enterochelin esterase () and protective antigen () might be the potential cause of human infection. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 1396-1402	4	2
364	Characterization and Antimicrobial Susceptibility of Pathogens Associated with Periodontal Abscess. <i>Antibiotics</i> , 2020 , 9,	4.9	5
363	Viroinformatics approach to explore the inhibitory mechanism of existing drugs repurposed to fight against COVID-19. <i>European Journal of Pharmacology</i> , 2020 , 885, 173496	5.3	9
362	Integrated Pathways of COX-2 and mTOR: Roles in Cell Sensing and Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2020 , 14, 693	5.1	6
361	Molecular mechanisms of interplay between autophagy and metabolism in cancer. <i>Life Sciences</i> , 2020 , 259, 118184	6.8	4
360	Metabolic regulation in HPV associated head and neck squamous cell carcinoma. <i>Life Sciences</i> , 2020 , 258, 118236	6.8	6
359	Deciphering the SSR incidences across viral members of Coronaviridae family. <i>Chemico-Biological Interactions</i> , 2020 , 331, 109226	5	3
358	Synthesis, anticancer evaluation and molecular docking studies of methotrexate's novel Schiff base derivatives against malignant glioma cell lines. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-13	3.6	2
357	Prevalence of Headache in Patients With Coronavirus Disease 2019 (COVID-19): A Systematic Review and Meta-Analysis of 14,275 Patients. <i>Frontiers in Neurology</i> , 2020 , 11, 562634	4.1	33
356	Risk of colorectal cancer in inflammatory bowel diseases. <i>Seminars in Cancer Biology</i> , 2020 , 64, 51-60	12.7	56
355	Association of autoimmunity and cancer: An emphasis on proteolytic enzymes. <i>Seminars in Cancer Biology</i> , 2020 , 64, 19-28	12.7	2
354	Nanoinformatics and biomolecular nanomodeling: a novel move en route for effective cancer treatment. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 19127-19141	5.1	7
353	Folate-conjugated nanovehicles: Strategies for cancer therapy. <i>Materials Science and Engineering C</i> , 2020 , 107, 110341	8.3	29
352	Nanoencapsulated dietary polyphenols for cancer prevention and treatment: successes and challenges. <i>Nanomedicine</i> , 2020 , 15, 1147-1162	5.6	18
351	E6 and E7 oncoproteins: Potential targets of cervical cancer. <i>Current Medicinal Chemistry</i> , 2020 ,	4.3	3

350	Protective effects of raspberry on the oxidative damage in HepG2 cells through Keap1/Nrf2-dependent signaling pathway. <i>Food and Chemical Toxicology</i> , 2019 , 133, 110781	4.7	22
349	Screening and Identification of PLK1-Polo Box Binding Peptides by High-Throughput Sequencing of Phage-Selected Libraries. <i>Protein and Peptide Letters</i> , 2019 , 26, 620-633	1.9	1
348	Current Updates on the Regulation of Beta-Secretase Movement as a Potential Restorative Focus for Management of Alzheimer's Disease. <i>Protein and Peptide Letters</i> , 2019 , 26, 579-587	1.9	3
347	Middle East respiratory syndrome: pathogenesis and therapeutic developments. <i>Future Virology</i> , 2019 , 14, 237-246	2.4	18
346	Efficacy and Safety of Pioglitazone Monotherapy in Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. <i>Scientific Reports</i> , 2019 , 9, 5389	4.9	33
345	Concept of Drug Metabolism in Drug Discovery Pipeline. <i>Current Drug Metabolism</i> , 2019 , 20, 697-700	3.5	1
344	The Regulatory Roles of Long Non-Coding RNA in the Chemoresistance Process of Ovarian cancer. <i>Current Pharmaceutical Design</i> , 2019 , 25, 856-861	3.3	9
343	What is Blockchain Technology and its Significance in the Current Healthcare System? A Brief Insight. <i>Current Pharmaceutical Design</i> , 2019 , 25, 1402-1408	3.3	13
342	Can Wogonin be Used in Controlling Diabetic Cardiomyopathy?. <i>Current Pharmaceutical Design</i> , 2019 , 25, 2171-2177	3.3	8
341	Chemokines: A Potential Therapeutic Target to Suppress Autoimmune Arthritis. <i>Current Pharmaceutical Design</i> , 2019 , 25, 2937-2946	3.3	4
340	Wogonin Alleviates Hyperglycemia Through Increased Glucose Entry into Cells Via AKT/GLUT4 Pathway. <i>Current Pharmaceutical Design</i> , 2019 , 25, 2602-2606	3.3	7
339	Inhibitory Mechanism of An Anticancer Drug, Bexarotene Against Amyloid [Peptide Aggregation: Repurposing Via Neuroinformatics Approach. <i>Current Pharmaceutical Design</i> , 2019 , 25, 2989-2995	3.3	6
338	Advanced Glycation End Products (AGEs), Glutathione and Breast Cancer: Factors, Mechanism and Therapeutic Interventions. <i>Current Drug Metabolism</i> , 2019 , 20, 65-71	3.5	16
337	Recent Findings on Nanotechnology-based Therapeutic Strategies Against Hepatocellular Carcinoma. <i>Current Drug Metabolism</i> , 2019 , 20, 283-291	3.5	4
336	Therapeutic Study of Phytochemicals Against Cancer and Alzheimer's Disease Management. <i>Current Drug Metabolism</i> , 2019 , 20, 1006-1013	3.5	6
335	Non-coding RNAs in Lung Cancer Chemoresistance. <i>Current Drug Metabolism</i> , 2019 , 20, 1023-1032	3.5	13
334	In Silico Structure Modeling and Molecular Docking Analysis of Phosphoribosyl Pyrophosphate Amidotransferase (PPAT) with Antifolate Inhibitors. <i>Current Cancer Drug Targets</i> , 2019 , 19, 408-416	2.8	3
333	Computational Protein-Protein Docking Reveals the Therapeutic Potential of Kunitz-type Venom against hKv1.2 Binding Sites. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019 , 18, 382-404	2.6	1

332	A Paradigm Shift in the Development of Anti-Candida Drugs. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 2610-2628	3	1
331	Zika Virus Targeting by Screening Inhibitors against NS2B/NS3 Protease. <i>BioMed Research International</i> , 2019 , 2019, 3947245	3	5
330	Small molecule tyrosine kinase inhibitors and pancreatic cancer-Trials and troubles. <i>Seminars in Cancer Biology</i> , 2019 , 56, 149-167	12.7	13
329	Role of GTPases in the Regulation of Mitochondrial Dynamics in Alzheimer's Disease and CNS-Related Disorders. <i>Molecular Neurobiology</i> , 2019 , 56, 4530-4538	6.2	18
328	Structural insights into the camel milk lactoperoxidase: Homology modeling and molecular dynamics simulation studies. <i>Journal of Molecular Graphics and Modelling</i> , 2019 , 86, 43-51	2.8	5
327	Enzyme targeting strategies for prevention and treatment of cancer: Implications for cancer therapy. <i>Seminars in Cancer Biology</i> , 2019 , 56, 1-11	12.7	48
326	Assessment of Circulating Biochemical Markers in Mice Receiving Cinnamon and Glycyrrhizin Under Carbon Tetrachloride Induced Hepatic Injury. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2019 , 89, 105-111	1.4	3
325	The Structure and Function of β and β Secretase as Therapeutic Target Enzymes in the Development of Alzheimer's Disease: A Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019 , 18, 657-667	2.6	9
324	Tau and mTOR: The Hotspots for Multifarious Diseases in Alzheimer's Development. <i>Frontiers in Neuroscience</i> , 2018 , 12, 1017	5.1	36
323	Updates on Managing Type 2 Diabetes Mellitus with Natural Products: Towards Antidiabetic Drug Development. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5395-5431	4.3	38
322	MHC binding peptides for designing of vaccines against virus: A computational approach. <i>Saudi Journal of Biological Sciences</i> , 2018 , 25, 1546-1551	4	1
321	Evidence and prospective of plant derived flavonoids as antiplatelet agents: Strong candidates to be drugs of future. <i>Food and Chemical Toxicology</i> , 2018 , 119, 355-367	4.7	43
320	Andrographolide, a diterpene lactone from <i>Andrographis paniculata</i> and its therapeutic promises in cancer. <i>Cancer Letters</i> , 2018 , 420, 129-145	9.9	78
319	Genetic risk factors in thrombotic primary antiphospholipid syndrome: A systematic review with bioinformatic analyses. <i>Autoimmunity Reviews</i> , 2018 , 17, 226-243	13.6	21
318	An overview on the current status of cancer nanomedicines. <i>Current Medical Research and Opinion</i> , 2018 , 34, 911-921	2.5	29
317	Plant-derived mPGES-1 inhibitors or suppressors: A new emerging trend in the search for small molecules to combat inflammation. <i>European Journal of Medicinal Chemistry</i> , 2018 , 153, 2-28	6.8	3
316	Flavonoids as acetylcholinesterase inhibitors: Current therapeutic standing and future prospects. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 101, 860-870	7.5	103
315	Gold nanoparticles: A plausible tool to combat neurological bacterial infections in humans. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 107, 7-18	7.5	19

314	Antidepressant Potential of Peptides: New Insights as Future Therapeutic. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018 , 17, 9-13	2.6	4
313	In silico Structure-based Identification of Novel Acetylcholinesterase Inhibitors Against Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018 , 17, 54-68	2.6	20
312	The Role of microRNAs in Alzheimer's Disease and Their Therapeutic Potentials. <i>Genes</i> , 2018 , 9,	4.2	58
311	Probiotics: Supplements, Food, Pharmaceutical Industry 2018 , 15-25		10
310	The Use of Azoles Containing Natural Products in Cancer Prevention and Treatment: An Overview. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 6-14	2.2	21
309	Lactoperoxidase immobilization on silver nanoparticles enhances its antimicrobial activity. <i>Journal of Dairy Research</i> , 2018 , 85, 460-464	1.6	8
308	Phytol: A review of biomedical activities. <i>Food and Chemical Toxicology</i> , 2018 , 121, 82-94	4.7	90
307	Preventive and Therapeutic Potentials of Anthocyanins in Diabetes and Associated Complications. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5347-5371	4.3	22
306	Design and Delivery of Therapeutic siRNAs: Application to MERS-Coronavirus. <i>Current Pharmaceutical Design</i> , 2018 , 24, 62-77	3.3	22
305	Influence of Hormones on Sjögren's Syndrome. <i>Current Pharmaceutical Design</i> , 2018 , 24, 4167-4176	3.3	3
304	Single Probiotic versus Multiple Probiotics - A Debate On Current Scenario for Alleviating Health Benefits. <i>Current Pharmaceutical Design</i> , 2018 , 24, 4150-4153	3.3	13
303	Marine Drugs: A Hidden Wealth and a New Epoch for Cancer Management. <i>Current Drug Metabolism</i> , 2018 , 19, 523-543	3.5	7
302	Antiplatelet Potential of Plant-Derived Glycosides as Possible Lead Compounds. <i>Current Drug Metabolism</i> , 2018 , 19, 856-862	3.5	3
301	Structure Activity Relationship of Venom Toxins Targeting Potassium Channels. <i>Current Drug Metabolism</i> , 2018 , 19, 714-720	3.5	1
300	Relationship between CNS and Immunology: Correlation with Psychology. <i>Current Drug Metabolism</i> , 2018 , 19, 847-855	3.5	4
299	An Insight into the Therapeutic Potential of Major Coffee Components. <i>Current Drug Metabolism</i> , 2018 , 19, 544-556	3.5	33
298	A Synopsis on the Role of Human Papilloma Virus Infection in Cervical Cancer. <i>Current Drug Metabolism</i> , 2018 , 19, 798-805	3.5	6
297	Frontier View on Nanotechnological Strategies for Neuro-therapy. <i>Current Drug Metabolism</i> , 2018 , 19, 596-604	3.5	2

296	Potentiating Effect of Ethnomedicinal Plants Against Proliferation on Different Cancer Cell Lines. <i>Current Drug Metabolism</i> , 2018 , 19, 584-595	3.5	6
295	Topical Discoveries on Multi-Target Approach to Manage Alzheimer's Disease. <i>Current Drug Metabolism</i> , 2018 , 19, 704-713	3.5	12
294	Association of Metronidazole with Cancer: A Potential Risk Factor or Inconsistent Deductions?. <i>Current Drug Metabolism</i> , 2018 , 19, 902-909	3.5	11
293	Preclinical Hepatoprotective Effect of Herbalism Against Ethanol Induced Hepatotoxicity: A Review. <i>Current Drug Metabolism</i> , 2018 , 19, 1002-1011	3.5	6
292	Anti-cancer Effects of Metformin: Recent Evidences for its Role in Prevention and Treatment of Cancer. <i>Current Drug Metabolism</i> , 2018 , 19, 793-797	3.5	43
291	Role of Angiogenic Growth Factors in Psoriasis: A Review. <i>Current Drug Metabolism</i> , 2018 , 19, 910-916	3.5	5
290	Essential Oils: Extraction Techniques, Pharmaceutical And Therapeutic Potential - A Review. <i>Current Drug Metabolism</i> , 2018 , 19, 1100-1110	3.5	109
289	Isolation and Characterization of Nuciferoic Acid, a Novel Keto Fatty Acid with Hyaluronidase Inhibitory Activity from <i>Cocos nucifera</i> Linn. Endocarp. <i>Current Topics in Medicinal Chemistry</i> , 2018 , 18, 2367-2378	3	8
288	Molecular Interaction and Computational Analytical Studies of Pinocembrin for its Antiangiogenic Potential Targeting VEGFR-2: A Persuader of Metastasis. <i>Medicinal Chemistry</i> , 2018 , 14, 626-640	1.8	8
287	Inhibition of Proliferation and Induction of Apoptosis by Thymoquinone via Modulation of TGF Family, p53, p21 and Bcl-2 in Leukemic Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 210-215	2.2	11
286	Cancer Nanotechnology-An Excursion on Drug Delivery Systems. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 2078-2092	2.2	6
285	Inhibition of Neurogenesis by Zika Virus Infection. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018 , 17, 78-86	2.6	6
284	Effects of Ascorbic Acid on Tax, NF- κ B and MMP-9 in Human T-cell Lymphotropic Virus Type 1 Positive Malignant T-Lymphocytes. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 237-244	2.2	
283	In-silico Studies of Isolated Phytoalkaloid Against Lipoyxygenase: Study Based on Possible Correlation. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2018 , 21, 215-221	1.3	0
282	Effect of Diterpenes on Hepatic System. <i>Current Pharmaceutical Design</i> , 2018 , 24, 4093-4100	3.3	2
281	From Molecular Mechanism to the Etiology of Sjogren Syndrome. <i>Current Pharmaceutical Design</i> , 2018 , 24, 4177-4185	3.3	4
280	Potential Application of Venom Proteins in Designing of Medicines for Treating Human Neurodegenerative Disorders. <i>Protein and Peptide Letters</i> , 2018 , 25, 633-642	1.9	2
279	Role of viruses, prions and miRNA in neurodegenerative disorders and dementia. <i>VirusDisease</i> , 2018 , 29, 419-433	3.4	6

278	Expression Profiling of Cytokine, Cholinergic Markers, and Amyloid- β Deposition in the APPSWE/PS1dE9 Mouse Model of Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2018 , 62, 467-476	4.3	12
277	A Critical Appraisal of Different Food Safety and Quality Management Tools to Accomplish Food Safety 2018 , 1-12		7
276	Structural studies on inhibitory mechanisms of antibiotic, corticosteroid and catecholamine molecules on lactoperoxidase. <i>Life Sciences</i> , 2018 , 207, 412-419	6.8	6
275	Optimization of antibacterial activity of ethanolic extracts of <i>Eucalyptus tereticornis</i> and <i>Nigella sativa</i> : Response surface Methodology. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018 , 31, 1259-1266 ^{0.4}		1
274	analysis of glycinamide ribonucleotide transformylase inhibition by PY873, PY899 and DIA. <i>Saudi Journal of Biological Sciences</i> , 2017 , 24, 1155-1161	4	5
273	Assessment of IL-18 Serum Level and Its Promoter Polymorphisms in the Saudi Coronary Artery Disease (CAD) Patients. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1849-1854	4.7	12
272	Reduction in CD16/CD56 and CD16/CD3/CD56 Natural Killer Cells in Coronary Artery Disease. <i>Immunological Investigations</i> , 2017 , 46, 526-535	2.9	14
271	A comprehensive review on biological properties of citrinin. <i>Food and Chemical Toxicology</i> , 2017 , 110, 130-141	4.7	47
270	Nanoparticles as a Carrier System for Drug Delivery Across Blood Brain Barrier. <i>Current Drug Metabolism</i> , 2017 , 18, 129-137	3.5	21
269	Bacteria From Marine Sponges: A Source of New Drugs. <i>Current Drug Metabolism</i> , 2017 , 18, 11-15	3.5	23
268	Pharmacological and Toxicological Profile of Harmaline- β Carboline Alkaloid: Friend or Foe. <i>Current Drug Metabolism</i> , 2017 , 18, 853-857	3.5	25
267	Glycosides as Possible Lead Antimalarial in New Drug Discovery: Future Perspectives. <i>Current Drug Metabolism</i> , 2017 , 18, 402-403	3.5	3
266	Pharmacological validation of the anxiolytic, muscle relaxant and sedative like activities of <i>Capsicum annuum</i> in animal model. <i>Bangladesh Journal of Pharmacology</i> , 2017 , 12, 439	0.6	6
265	Neuroinflammation in Alzheimer's Disease: The Preventive and Therapeutic Potential of Polyphenolic Nutraceuticals. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017 , 108, 33-57	5.3	96
264	Synthesis of Saccharumside-B analogue with potential of antiproliferative and pro-apoptotic activities. <i>Scientific Reports</i> , 2017 , 7, 8309	4.9	7
263	The diabetic brain and cognition. <i>Journal of Neural Transmission</i> , 2017 , 124, 1431-1454	4.3	52
262	Assessment of genetic diversity in IL-6 and RANTES promoters and their level in Saudi coronary artery disease patients. <i>Journal of Clinical Laboratory Analysis</i> , 2017 , 31,	3	16
261	Targeting Arachidonic Acid Pathway-Associated NF- κ B in Pancreatic Cancer 2017 , 403-411		1

260	Biomarkers for Alzheimer's Disease Diagnosis. <i>Current Alzheimer Research</i> , 2017 , 14, 1149-1154	3	91
259	A Bayesian Model for the Prediction and Early Diagnosis of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 77	5.3	34
258	Presence of Anticardiolipin Antibodies in Patients with Dementia: A Systematic Review and Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 250	5.3	12
257	Evaluation of Anti-Inflammatory Properties of Isoorientin Isolated from Tubers of. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 5498054	6.7	41
256	Effects of Honey on Oral Mucositis among Pediatric Cancer Patients Undergoing Chemo/Radiotherapy Treatment at King Abdulaziz University Hospital in Jeddah, Kingdom of Saudi Arabia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 5861024	2.3	31
255	Manuka Honey Exerts Antioxidant and Anti-Inflammatory Activities That Promote Healing of Acetic Acid-Induced Gastric Ulcer in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 5413917	2.3	33
254	DARPin Bioengineering and its Theranostic Approaches: Emerging Trends in Protein Engineering. <i>Current Pharmaceutical Design</i> , 2017 , 23, 1610-1615	3.3	5
253	Therapeutic Suppression of Nonsense Mutation: An Emerging Target in Multiple Diseases and Thrombotic Disorders. <i>Current Pharmaceutical Design</i> , 2017 , 23, 1598-1609	3.3	9
252	Bile Salt Stabilized Vesicles (Bilosomes): A Novel Nano-Pharmaceutical Design for Oral Delivery of Proteins and Peptides. <i>Current Pharmaceutical Design</i> , 2017 , 23, 1575-1588	3.3	39
251	Anthocyanins: Multi-Target Agents for Prevention and Therapy of Chronic Diseases. <i>Current Pharmaceutical Design</i> , 2017 , 23, 6321-6346	3.3	21
250	Diabetes Mellitus and Male Aging: Pharmacotherapeutics and Clinical Implications. <i>Current Pharmaceutical Design</i> , 2017 , 23, 4475-4483	3.3	9
249	Natural Products Combating Neurodegeneration: Parkinson's Disease. <i>Current Drug Metabolism</i> , 2017 , 18, 50-61	3.5	25
248	Phage Display Technique: A Novel Medicinal Approach to Overcome Antibiotic Resistance by Using Peptide-Based Inhibitors Against β -Lactamases. <i>Current Drug Metabolism</i> , 2017 , 18, 90-95	3.5	7
247	Potential Linkage Between Cerebrovascular Diseases and Metabolic Syndrome. <i>Current Drug Metabolism</i> , 2017 , 18, 62-68	3.5	8
246	Recent Advances in Drug Delivery of Polymeric Nano-Micelles. <i>Current Drug Metabolism</i> , 2017 , 18, 16-29	3.5	34
245	A Review on Nano-Antimicrobials: Metal Nanoparticles, Methods and Mechanisms. <i>Current Drug Metabolism</i> , 2017 , 18, 120-128	3.5	124
244	Advances and Implications in Nanotechnology for Lung Cancer Management. <i>Current Drug Metabolism</i> , 2017 , 18, 30-38	3.5	18
243	A Current Perspective on the Inhibition of Cholinesterase by Natural and Synthetic Inhibitors. <i>Current Drug Metabolism</i> , 2017 , 18, 96-111	3.5	14

242	Potential of Plant Alkaloids as Antipyretic Drugs of Future. <i>Current Drug Metabolism</i> , 2017 , 18, 138-144	3.5	2
241	Challenges Related to Glycemic Control in Type 2 Diabetes Mellitus Patients. <i>Current Drug Metabolism</i> , 2017 , 18, 157-162	3.5	7
240	Glycosides as Possible Lead Antimalarial in New Drug Discovery: Future Perspectives. <i>Current Drug Metabolism</i> , 2017 , 18, 163-171	3.5	3
239	Viral Infection and Obesity: Current Status and Future Prospective. <i>Current Drug Metabolism</i> , 2017 , 18, 798-807	3.5	6
238	Methods of Screening-Purification and Antimicrobial Potentialities of Bacteriocin in Health Care. <i>Current Drug Metabolism</i> , 2017 , 18, 814-830	3.5	2
237	Exploration of Various Proteins for the Treatment of Alzheimer's Disease. <i>Current Drug Metabolism</i> , 2017 , 18, 808-813	3.5	7
236	Repurposed Drugs as Potential Therapeutic Candidates for the Management of Alzheimer's Disease. <i>Current Drug Metabolism</i> , 2017 , 18, 842-852	3.5	12
235	Recent Development and Future Prospects of Plant-Based Vaccines. <i>Current Drug Metabolism</i> , 2017 , 18, 831-841	3.5	14
234	Translational Shift of HSP90 as a Novel Therapeutic Target from Cancer to Neurodegenerative Disorders: An Emerging Trend in the Cure of Alzheimer's and Parkinson's Diseases. <i>Current Drug Metabolism</i> , 2017 , 18, 868-876	3.5	9
233	Commonalities in Biological Pathways, Genetics, and Cellular Mechanism between Alzheimer Disease and Other Neurodegenerative Diseases: An In Silico-Updated Overview. <i>Current Alzheimer Research</i> , 2017 , 14, 1190-1197	3	26
232	Nanotechnology Based Theranostic Approaches in Alzheimer's Disease Management: Current Status and Future Perspective. <i>Current Alzheimer Research</i> , 2017 , 14, 1164-1181	3	36
231	Synopsis on Management Strategies for Neurodegenerative Disorders: Challenges from Bench to Bedside in Successful Drug Discovery and Development. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1371-1378	3	7
230	HTLV-1 Associated Neurological Disorders. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1320-1330	3	7
229	Oxidative Stress and Antioxidant Potential of One Hundred Medicinal Plants. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1336-1370	3	50
228	Alzheimer's Disease and Natural Products: Future Regimens Emerging from Nature. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1408-1428	3	21
227	Elucidating Treatment of Alzheimer's Disease via Different Receptors. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1400-1407	3	16
226	Infectious Agents and Neurodegenerative Diseases: Exploring the Links. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1390-1399	3	11
225	Thrombotic Management of Antiphospholipid Syndrome: Towards Novel Targeted Therapies. <i>Current Vascular Pharmacology</i> , 2017 , 15, 313-326	3.3	3

224	Common Therapeutic Modalities Against Diabetes and Associated Cardiovascular Disease. <i>Current Vascular Pharmacology</i> , 2017 , 15, 365-373	3.3	5
223	Elucidation of Antiangiogenic Potential of Vitexin Obtained from Cucumis sativus Targeting Hsp90 Protein: A Novel Multipathway Targeted Approach to Restrain Angiogenic Phenomena. <i>Medicinal Chemistry</i> , 2017 , 13, 282-291	1.8	7
222	In silico Analysis of AMP-activated Protein Kinase and Ligand-based Virtual Screening for Identification of Novel AMPK Activators. <i>Current Computer-Aided Drug Design</i> , 2017 , 13, 222-233	1.4	2
221	Screening and Elucidation of Selected Natural Compounds for Anti- Alzheimer's Potential Targeting BACE-1 Enzyme: A Case Computational Study. <i>Current Computer-Aided Drug Design</i> , 2017 , 13, 311-318	1.4	10
220	Inhibition of Butyrylcholinesterase with Fluorobenzylcymserine, An Experimental Alzheimer's Drug Candidate: Validation of Enzoinformatics Results by Classical and Innovative Enzyme Kinetic Analyses. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017 , 16, 820-827	2.6	13
219	Lactoperoxidase, an Antimicrobial Milk Protein, as a Potential Activator of Carcinogenic Heterocyclic Amines in Breast Cancer. <i>Anticancer Research</i> , 2017 , 37, 6415-6420	2.3	2
218	Optimization protocol for the extraction of antioxidant components from Origanum vulgare leaves using response surface methodology. <i>Saudi Journal of Biological Sciences</i> , 2016 , 23, 389-96	4	34
217	Identification of common therapeutic targets for selected neurodegenerative disorders: An in silico approach. <i>Journal of Computational Science</i> , 2016 , 17, 292-306	3.4	8
216	Neuroprotective Role of Steroidal Sex Hormones: An Overview. <i>CNS Neuroscience and Therapeutics</i> , 2016 , 22, 342-50	6.8	48
215	Panacea seed "Nigella": A review focusing on regenerative effects for gastric ailments. <i>Saudi Journal of Biological Sciences</i> , 2016 , 23, 542-53	4	15
214	Development of Cotton leaf curl virus resistant transgenic cotton using antisense $\tau 1$ gene. <i>Saudi Journal of Biological Sciences</i> , 2016 , 23, 358-62	4	12
213	Conotoxins: Structure, Therapeutic Potential and Pharmacological Applications. <i>Current Pharmaceutical Design</i> , 2016 , 22, 582-9	3.3	44
212	Neuroprotective Mechanisms Mediated by CDK5 Inhibition. <i>Current Pharmaceutical Design</i> , 2016 , 22, 527-34	3.3	35
211	Psychopharmacology of Attention-Deficit Hyperactivity Disorder: Effects and Side Effects. <i>Current Pharmaceutical Design</i> , 2016 , 22, 590-4	3.3	19
210	Inflammatory Process in Alzheimer's and Parkinson's Diseases: Central Role of Cytokines. <i>Current Pharmaceutical Design</i> , 2016 , 22, 541-8	3.3	129
209	Computer Aided Drug Design: Success and Limitations. <i>Current Pharmaceutical Design</i> , 2016 , 22, 572-81	3.3	155
208	Current Updates on Therapeutic Advances in the Management of Cardiovascular Diseases. <i>Current Pharmaceutical Design</i> , 2016 , 22, 566-71	3.3	11
207	Unique Medicinal Properties of Withania somnifera: Phytochemical Constituents and Protein Component. <i>Current Pharmaceutical Design</i> , 2016 , 22, 535-40	3.3	32

206	Super aggregated form of Amphotericin B: a novel way to increase its therapeutic index. <i>Current Pharmaceutical Design</i> , 2016 , 22, 792-803	3.3	7
205	Polypharmacological Properties and Therapeutic Potential of β -Caryophyllene: A Dietary Phytocannabinoid of Pharmaceutical Promise. <i>Current Pharmaceutical Design</i> , 2016 , 22, 3237-64	3.3	100
204	Phytochemicals as Prototypes for Pharmaceutical Leads Towards Drug Development Against Diabetic Cardiomyopathy. <i>Current Pharmaceutical Design</i> , 2016 , 22, 3058-70	3.3	6
203	Current Understanding of HSP90 as a Novel Therapeutic Target: An Emerging Approach for the Treatment of Cancer. <i>Current Pharmaceutical Design</i> , 2016 , 22, 2947-59	3.3	26
202	Pharmacological Properties and Therapeutic Potential of Naringenin: A Citrus Flavonoid of Pharmaceutical Promise. <i>Current Pharmaceutical Design</i> , 2016 , 22, 4341-59	3.3	50
201	Engineered Nanoparticles Against MDR in Cancer: The State of the Art and its Prospective. <i>Current Pharmaceutical Design</i> , 2016 , 22, 4360-4373	3.3	39
200	Alkaloids: An Emerging Antibacterial Modality Against Methicillin Resistant Staphylococcus aureus. <i>Current Pharmaceutical Design</i> , 2016 , 22, 4420-4429	3.3	10
199	Antioxidant, Antimicrobial Activity and Medicinal Properties of <i>Grewia asiatica</i> L. <i>Medicinal Chemistry</i> , 2016 , 12, 211-6	1.8	17
198	Recent Updates on the Association Between Alzheimer's Disease and Vascular Dementia. <i>Medicinal Chemistry</i> , 2016 , 12, 226-37	1.8	23
197	miRNAs as Circulating Biomarkers for Alzheimer's Disease and Parkinson's Disease. <i>Medicinal Chemistry</i> , 2016 , 12, 217-25	1.8	47
196	Alzheimer's Disease and Autistic Spectrum Disorder: Is there any Association?. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 390-402	2.6	10
195	Global Expression Studies of Schizophrenic Brain: A Meta-Analysis Study Linking Neurological Immune System with Psychological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 477-88	2.6	3
194	In Silico Analysis of Green Tea Polyphenols as Inhibitors of AChE and BChE Enzymes in Alzheimer's Disease Treatment. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 624-8	2.6	33
193	'Non-Criteria' Neurologic Manifestations of Antiphospholipid Syndrome: A Hidden Kingdom to be Discovered. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 1253-1265	2.6	11
192	An Overview on the Role of β Synuclein in Experimental Models of Parkinson's Disease from Pathogenesis to Therapeutics. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 1240-1252	2.6	18
191	The Role of Endoproteolytic Processing in Neurodegeneration. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 1222-1230	2.6	1
190	Multiple Targets for the Management of Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 1279-1289	2.6	21
189	Updates on Therapeutics in Clinical Trials for Spinal Cord Injuries: Key Translational Applications of Human Embryonic Stem Cells-Derived Neural Progenitors. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 1266-1278	2.6	5

188	Pharmacophore-Based Virtual Screening for Identification of Novel Neuraminidase Inhibitors and Verification of Inhibitory Activity by Molecular Docking. <i>Medicinal Chemistry</i> , 2016 , 12, 63-73	1.8	5
187	Dietary Phytochemicals: Natural Swords Combating Inflammation and Oxidation-Mediated Degenerative Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 5137431	6.7	60
186	Antimutagenic Effects of Selenium-Enriched Polysaccharides from <i>Pyracantha fortuneana</i> through Suppression of Cytochrome P450 1A Subfamily in the Mouse Liver. <i>Molecules</i> , 2016 , 21,	4.8	19
185	Inhibition on the growth of human MDA-MB-231 breast cancer cells in vitro and tumor growth in a mouse xenograft model by Se-containing polysaccharides from <i>Pyracantha fortuneana</i> . <i>Nutrition Research</i> , 2016 , 36, 1243-1254	4	29
184	Evaluation of propolis, honey, and royal jelly in amelioration of peripheral blood leukocytes and lung inflammation in mouse conalbumin-induced asthma model. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 780-8	4	19
183	Pharmacokinetics and safety of oseltamivir in patients with end-stage renal disease treated with automated peritoneal dialysis. <i>British Journal of Clinical Pharmacology</i> , 2015 , 79, 624-35	3.8	8
182	The role of epigenetics in personalized medicine: challenges and opportunities. <i>BMC Medical Genomics</i> , 2015 , 8 Suppl 1, S5	3.7	38
181	Experimental model for ELF-EMF exposure: Concern for human health. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 75-84	4	44
180	Synopsis on the linkage of Alzheimer's and Parkinson's disease with chronic diseases. <i>CNS Neuroscience and Therapeutics</i> , 2015 , 21, 1-7	6.8	23
179	Development of interspecific <i>Solanum lycopersicum</i> and screening for Tosspovirus resistance. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 730-8	4	5
178	Reduction of post-prandial hyperglycemia by mulberry tea in type-2 diabetes patients. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 32-6	4	33
177	The association of nutritional profile and prognosis of degenerative diseases associated with carbohydrate and lipid metabolism at high altitude of district Ziarat, Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 50-5	4	
176	Prevalence of multidrug resistant and extended spectrum beta-lactamase producing <i>Pseudomonas aeruginosa</i> in a tertiary care hospital. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 62-4	4	23
175	Alzheimer's disease and type 2 diabetes via chronic inflammatory mechanisms. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 4-13	4	45
174	Risk factors for acquisition of extended spectrum beta lactamase producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in North-Indian hospitals. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 37-41	4	27
173	Correlation of Toll-like receptor 4, interleukin-18, transaminases, and uric acid in patients with chronic periodontitis and healthy adults. <i>Journal of Periodontology</i> , 2015 , 86, 431-9	4.6	47
172	Assessment of circulating biochemical markers and antioxidative status in acute lymphoblastic leukemia (ALL) and acute myeloid leukemia (AML) patients. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 106-11	4	19
171	Antibiotic resistance and extended spectrum beta-lactamases: Types, epidemiology and treatment. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 90-101	4	317

170	Observations on the expression of human papillomavirus major capsid protein in HeLa cells. <i>Cancer Cell International</i> , 2015 , 15, 53	6.4	12
169	Neopterin: An immune biomarker of coronary artery disease and its association with other CAD markers. <i>IUBMB Life</i> , 2015 , 67, 453-9	4.7	15
168	Combination of selenium-enriched green tea polysaccharides and Huo-ji polysaccharides synergistically enhances antioxidant and immune activity in mice. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 3211-7	4.3	17
167	Nanotechnology-based inhalation treatments for lung cancer: state of the art. <i>Nanotechnology, Science and Applications</i> , 2015 , 8, 55-66	3.9	81
166	Small Molecules from Nature Targeting G-Protein Coupled Cannabinoid Receptors: Potential Leads for Drug Discovery and Development. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 238482	2.3	25
165	Interaction of Glucagon G-Protein Coupled Receptor with Known Natural Antidiabetic Compounds: Multiscoring In Silico Approach. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 497253	2.3	6
164	Medicinal plants in management of type 2 diabetes and neurodegenerative disorders. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 686872	2.3	3
163	Determination of potential role of antioxidative status and circulating biochemical markers in the pathogenesis of ethambutol induced toxic optic neuropathy among diabetic and non-diabetic patients. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 739-43	4	6
162	Effects of extremely low frequency electromagnetic field (ELF-EMF) on catalase, cytochrome P450 and nitric oxide synthase in erythro-leukemic cells. <i>Life Sciences</i> , 2015 , 121, 117-23	6.8	29
161	Clinical biomarkers in sickle cell disease. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 24-31	4	29
160	Biological aspect of various global health issues. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 1-2	4	
159	Lateral meningocele with asymmetric canal stenosis: A case study. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 102-5	4	3
158	Studies on the role of goat heart galectin-1 as a tool for detecting post-malignant changes in glycosylation pattern. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 85-9	4	5
157	An overview on the correlation of neurological disorders with cardiovascular disease. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 19-23	4	25
156	Improved efficiency and stability of secnidazole - An ideal delivery system. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 42-9	4	13
155	Assessment of the role of general, biochemical and family history characteristics in kidney stone formation. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 65-8	4	12
154	Studies on the role of goat heart galectin-1 as an erythrocyte membrane perturbing agent. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 112-6	4	5
153	Treatment of psoriasis by using Hijamah: A case report. <i>Saudi Journal of Biological Sciences</i> , 2015 , 22, 117-21	4	10

152	Role of anti-diabetic drugs as therapeutic agents in Alzheimer's disease. <i>EXCLI Journal</i> , 2015 , 14, 684-96	2.4	11
151	Integrating Qualitative and Quantitative Tools for the Detection and Identification of Lectins in Major Human Diseases. <i>Protein and Peptide Letters</i> , 2015 , 22, 954-62	1.9	1
150	Role of Graphene Nano-Composites in Cancer Therapy: Theranostic Applications, Metabolic Fate and Toxicity Issues. <i>Current Drug Metabolism</i> , 2015 , 16, 397-409	3.5	38
149	Recent Developments in Nanomedicines for Management of Various Health Issues Via Metabolism and Physico-Chemical Properties. <i>Current Drug Metabolism</i> , 2015 , 16, 389-96	3.5	3
148	A Synopsis of Nano-Technological Approaches Toward Anti-Epilepsy Therapy: Present and Future Research Implications. <i>Current Drug Metabolism</i> , 2015 , 16, 336-45	3.5	9
147	Therapeutic Interventions for the Suppression of Alzheimer's Disease: Quest for a Remedy. <i>Current Drug Metabolism</i> , 2015 , 16, 346-53	3.5	8
146	Applications of Nanotechnology in Diagnostics and Therapeutics of Alzheimer's and Parkinson's Disease. <i>Current Drug Metabolism</i> , 2015 , 16, 705-12	3.5	17
145	An Overview on Global Trends in Nanotechnological Approaches for Alzheimer Therapy. <i>Current Drug Metabolism</i> , 2015 , 16, 719-27	3.5	14
144	Application of Proteomic Tools in Modern Nanotechnological Approaches Towards Effective Management of Neurodegenerative Disorders. <i>Current Drug Metabolism</i> , 2015 , 16, 376-88	3.5	6
143	Nanobiotechnological Approaches Against Multidrug Resistant Bacterial Pathogens: An Update. <i>Current Drug Metabolism</i> , 2015 , 16, 362-70	3.5	5
142	Solid Matrix Based Lipidic Nanoparticles in Oral Cancer Chemotherapy: Applications and Pharmacokinetics. <i>Current Drug Metabolism</i> , 2015 , 16, 633-44	3.5	47
141	Nanoparticles, Neurotoxicity and Neurodegenerative Diseases. <i>Current Drug Metabolism</i> , 2015 , 16, 676-84	3.5	28
140	An Overview of Current Screening and Management Approaches for Prostate Cancer. <i>Current Drug Metabolism</i> , 2015 , 16, 713-8	3.5	8
139	Magnetic Nanoparticles: Properties, Synthesis and Biomedical Applications. <i>Current Drug Metabolism</i> , 2015 , 16, 685-704	3.5	10
138	In silico Screening for Identification of Novel Anti-malarial Inhibitors by Molecular Docking, Pharmacophore Modeling and Virtual Screening. <i>Medicinal Chemistry</i> , 2015 , 11, 687-700	1.8	7
137	Roles of Natural Compounds from Medicinal Plants in Cancer Treatment: Structure and Mode of Action at Molecular Level. <i>Medicinal Chemistry</i> , 2015 , 11, 618-28	1.8	10
136	Effects of polysaccharides from selenium-enriched <i>Pyracantha fortuneana</i> on mice liver injury. <i>Medicinal Chemistry</i> , 2015 , 11, 780-8	1.8	12
135	Current Update on Synopsis of miRNA Dysregulation in Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 492-501	2.6	24

134	Telomeric Repeat Containing RNA (TERRA): Aging and Cancer. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 936-46	2.6	12
133	Array-comparative genomic hybridization analysis of a cohort of Saudi patients with epilepsy. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 468-75	2.6	6
132	In Silico Analysis of Binding Interaction of Mamba Toxins with M4 and M2 Muscarinic Acetylcholine Receptors for Therapeutic Use in Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 1031-40	2.6	1
131	Evaluation of hemoglobin concentration in pregnancy and correlation with different altitude: a study from balochistan plateau of pakistan. <i>The Open Biochemistry Journal</i> , 2015 , 9, 7-14	0.9	3
130	In silico Analysis for Predicting Fatty Acids of Black Cumin Oil as Inhibitors of P-Glycoprotein. <i>Pharmacognosy Magazine</i> , 2015 , 11, S606-10	0.8	3
129	Nanoparticle-Based Therapy in Genomics. <i>Current Drug Metabolism</i> , 2015 , 16, 354-61	3.5	1
128	Scope and Applications of Nanomedicines for the Management of Multiple Sclerosis. <i>Current Drug Metabolism</i> , 2015 , 16, 602-8	3.5	1
127	Candida identification: a journey from conventional to molecular methods in medical mycology. <i>World Journal of Microbiology and Biotechnology</i> , 2014 , 30, 1437-51	4.4	19
126	Neuronal cellular responses to extremely low frequency electromagnetic field exposure: implications regarding oxidative stress and neurodegeneration. <i>PLoS ONE</i> , 2014 , 9, e104973	3.7	43
125	Recent updates in the treatment of neurodegenerative disorders using natural compounds. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014 , 2014, 979730	2.3	43
124	Hepatoprotective Effects of Silybum marianum (Silymarin) and Glycyrrhiza glabra (Glycyrrhizin) in Combination: A Possible Synergy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014 , 2014, 641597	2.3	29
123	Specific Cholinesterase Inhibitors: A Potential Tool to Assist in Management of Alzheimer Disease 2014 , 366-386		5
122	Genetic variability of Cotton leaf curl betasatellite in Northern India. <i>Saudi Journal of Biological Sciences</i> , 2014 , 21, 626-31	4	11
121	Current challenges to overcome in the management of type 2 diabetes mellitus and associated neurological disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1440-57	2.6	6
120	An enzoinformatics study targeting polo-like kinases-1 enzyme: Comparative assessment of anticancer potential of compounds isolated from leaves of Ageratum houstonianum. <i>Pharmacognosy Magazine</i> , 2014 , 10, S14-21	0.8	5
119	Oxidative stress mediated mitochondrial and vascular lesions as markers in the pathogenesis of Alzheimer disease. <i>Current Medicinal Chemistry</i> , 2014 , 21, 2208-17	4.3	101
118	Selective acetyl- and butyrylcholinesterase inhibitors reduce amyloid- β ex vivo activation of peripheral chemo-cytokines from Alzheimer's disease subjects: exploring the cholinergic anti-inflammatory pathway. <i>Current Alzheimer Research</i> , 2014 , 11, 608-22	3	37
117	A molecular bridge: connecting type 2 diabetes and Alzheimer's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 312-21	2.6	5

116	Fighting Alzheimer's disease and type 2 diabetes: pathological links and treatment strategies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 271-82	2.6	17
115	Molecular linkages between diabetes and Alzheimer's disease: current scenario and future prospects. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 290-8	2.6	28
114	Linking Alzheimer's disease and type 2 diabetes mellitus via aberrant insulin signaling and inflammation. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 338-46	2.6	16
113	A neuroinformatics study describing molecular interaction of Cisplatin with acetylcholinesterase: a plausible cause for anticancer drug induced neurotoxicity. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 265-70	2.6	14
112	Proteomics approaches to understand linkage between Alzheimer's disease and type 2 diabetes mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 213-25	2.6	12
111	Alzheimer's and type 2 diabetes treatment via common enzyme targeting. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 299-304	2.6	15
110	Role of gut microbiota in obesity, type 2 diabetes and Alzheimer's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 305-11	2.6	67
109	Comparative study of non-high density lipoproteins cholesterol level and lipid profile in pre-diabetic and diabetic patients. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 402-7	2.6	5
108	A possible link of gut microbiota alteration in type 2 diabetes and Alzheimer's disease pathogenicity: an update. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 383-90	2.6	36
107	How do periodontal infections affect the onset and progression of Alzheimer's disease?. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 460-6	2.6	19
106	Alzheimer disease and type 2 diabetes mellitus: the link to tyrosine hydroxylase and probable nutritional strategies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 467-77	2.6	10
105	Establishing genomic/transcriptomic links between Alzheimer's disease and type 2 diabetes mellitus by meta-analysis approach. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 501-16	2.6	25
104	Diabetes of the brain: computational approaches and interventional strategies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 408-17	2.6	13
103	Molecular interaction of acetylcholinesterase with carnosic acid derivatives: a neuroinformatics study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 440-6	2.6	15
102	Bacteriophage--a common divergent therapeutic approach for Alzheimer's disease and type II diabetes mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 491-500	2.6	4
101	A nanotechnological approach to the management of Alzheimer disease and type 2 diabetes. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 478-86	2.6	11
100	Invokana (Canagliflozin) as a dual inhibitor of acetylcholinesterase and sodium glucose co-transporter 2: advancement in Alzheimer's disease- diabetes type 2 linkage via an enzoinformatics study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 447-51	2.6	26
99	Prediction of comparative inhibition efficiency for a novel natural ligand, galangin against human brain acetylcholinesterase, butyrylcholinesterase and 5-lipoxygenase: a neuroinformatics study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 452-9	2.6	13

98	Molecular interaction of human brain acetylcholinesterase with a natural inhibitor huperzine-B: an enzoinformatics approach. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 487-90	2.6	13
97	An association of virus infection with type 2 diabetes and Alzheimer's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 429-39	2.6	14
96	Current acetylcholinesterase-inhibitors: a neuroinformatics perspective. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 391-401	2.6	30
95	Current view from Alzheimer disease to type 2 diabetes mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 533-42	2.6	14
94	Epigenomic approach in understanding Alzheimer's disease and type 2 diabetes mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 283-9	2.6	6
93	Do folate, vitamins B ₁₂ and B ₆ play a role in the pathogenesis of migraine? The role of pharmacoepigenomics. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 828-35	2.6	14
92	Humanin: a possible linkage between Alzheimer's disease and type 2 diabetes. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 543-52	2.6	11
91	The role of viruses in neurodegenerative and neurobehavioral diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1213-23	2.6	20
90	Protein misfolding and aggregation in Alzheimer's disease and type 2 diabetes mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1280-93	2.6	81
89	Protein interactions between the C-terminus of A β peptide and phospholipase A ₂ --a structure biology based approach to identify novel Alzheimer's therapeutics. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1224-31	2.6	4
88	Transcriptomics study of neurodegenerative disease: emphasis on synaptic dysfunction mechanism in Alzheimer's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1202-12	2.6	11
87	Biological mechanisms linking Alzheimer's disease and type-2 diabetes mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1192-201	2.6	21
86	Link between chronic bacterial inflammation and Alzheimer disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1140-7	2.6	34
85	Aptiom (eslicarbazepine acetate) as a dual inhibitor of Bsecretase and voltage-gated sodium channel: advancement in Alzheimer's disease-epilepsy linkage via an enzoinformatics study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1258-62	2.6	6
84	Ignored avenues in alpha-synuclein associated proteopathy. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1246-57	2.6	9
83	Role of nanomedicines in delivery of anti-acetylcholinesterase compounds to the brain in Alzheimer's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1315-24	2.6	20
82	Identification of potent caspase-3 inhibitors for treatment of multi- neurodegenerative diseases using pharmacophore modeling and docking approaches. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1346-53	2.6	15
81	Down regulated expression of Claudin-1 and Claudin-5 and up regulation of Ecatenin: association with human glioma progression. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1413-26	2.6	18

80	Effect of electromagnetic radiations on neurodegenerative diseases- technological revolution as a curse in disguise. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1406-12	2.6	4
79	Gene expression analysis approach to establish possible links between Parkinson's disease, cancer and cardiovascular diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1334-45	2.6	1
78	Status of acetylcholinesterase and butyrylcholinesterase in Alzheimer's disease and type 2 diabetes mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1432-9	2.6	137
77	Sub-chronic exposure of non-observable adverse effect dose of terbufos sulfone: neuroinflammation in diabetic and non-diabetic rats. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1397-405	2.6	9
76	Implication of gut microbiota in human health. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1325-33	2.6	11
75	Computational study of human tyrosine hydroxylase mutants to uphold [4-(Propan-2-yl)Phenyl]Carbamic acid as a potential inhibitor. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1169-74	2.6	
74	Quinoline derivatives: candidate drugs for a class B G-protein coupled receptor, the calcitonin gene-related peptide receptor, a cause of migraines. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1130-9	2.6	
73	Exploring N(1)-p-fluorobenzyl-cymserine as an inhibitor of 5-lipoxygenase as a candidate for type 2 diabetes and neurodegenerative disorder treatment. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 197-202	2.6	0
72	Genomic linkage between Alzheimer's disease and type 2 diabetes. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 203-12	2.6	
71	New possibilities in hepatocellular carcinoma treatment. <i>Anticancer Research</i> , 2014 , 34, 1563-71	2.3	40
70	Cancer chemoprevention by polyphenols and their potential application as nanomedicine. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2013 , 31, 67-98	4.5	47
69	Evaluation of antioxidant and antimicrobial activities of the phenolic composition of Algerian <i>Arbutus unedo</i> L. roots. <i>Pharmacognosy Journal</i> , 2013 , 5, 275-280	1.6	3
68	Nanoneurotoxicity to nanoneuroprotection using biological and computational approaches. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2013 , 31, 256-84	4.5	11
67	In silico analysis of the amido phosphoribosyltransferase inhibition by PY873, PY899 and a derivative of isophthalic acid. <i>Investigational New Drugs</i> , 2013 , 31, 1355-63	4.3	3
66	Managing the combination of nonalcoholic Fatty liver disease and metabolic syndrome with chinese herbal extracts in high-fat-diet fed rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 306738	2.3	16
65	Link between cancer and Alzheimer disease via oxidative stress induced by nitric oxide-dependent mitochondrial DNA overproliferation and deletion. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 962984	6.7	33
64	Prediction of structure of human WNT-CRD (FZD) complex for computational drug repurposing. <i>PLoS ONE</i> , 2013 , 8, e54630	3.7	7
63	Synthesis of the Alzheimer drug Posiphen into its primary metabolic products (+)-N1-norPosiphen, (+)-N8-norPosiphen and (+)-N1, N8-bisnorPosiphen, their inhibition of amyloid precursor protein, β Synuclein synthesis, interleukin-1 β release, and cholinergic action. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2013 , 12, 117-29	2	19

62	Molecular interaction study of N1-p-fluorobenzyl-cymserine with TNF- α p38 kinase and JNK kinase. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2013 , 12, 129-35	2	6
61	Nanotechnology-based approaches in anticancer research. <i>International Journal of Nanomedicine</i> , 2012 , 7, 4391-408	7.3	173
60	Alzheimer's disease and type 2 diabetes: exploring the association to obesity and tyrosine hydroxylase. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 482-9	2.6	25
59	Relationship between inflammatory mediators, A β levels and ApoE genotype in Alzheimer disease. <i>Current Alzheimer Research</i> , 2012 , 9, 447-57	3	34
58	Spectrum from Obesity to Neurodegenerative Disorder. <i>American Journal of Neuroprotection and Neuroregeneration</i> , 2012 , 4, 31-39		3
57	Molecular interaction of the antineoplastic drug, methotrexate with human brain acetylcholinesterase: a docking study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 142-7	2.6	12
56	A synopsis on the role of tyrosine hydroxylase in Parkinson's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 395-409	2.6	82
55	Mitochondria as an easy target to oxidative stress events in Parkinson's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 430-8	2.6	30
54	Molecular docking study of catecholamines and [4-(propan-2-yl) phenyl]carbamic acid with tyrosine hydroxylase. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 463-8	2.6	8
53	A brief overview of tyrosine hydroxylase and β synuclein in the Parkinsonian brain. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 456-62	2.6	13
52	An overview on potential neuroprotective compounds for management of Alzheimer's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 1006-11	2.6	5
51	Suppression of retinol-binding protein 4 with RNA oligonucleotide prevents high-fat diet-induced metabolic syndrome and non-alcoholic fatty liver disease in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011 , 1811, 1045-53	5	22
50	Determination of sugars in honey by liquid chromatography. <i>Saudi Journal of Biological Sciences</i> , 2011 , 18, 17-21	4	49
49	Interaction of human brain acetylcholinesterase with cyclophosphamide: a molecular modeling and docking study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 845-8	2.6	13
48	New Delhi metallo- β -lactamase (NDM-1): an update. <i>Journal of Chemotherapy</i> , 2011 , 23, 263-5	2.3	35
47	Chinese herbal extracts (SK0506) as a potential candidate for the therapy of the metabolic syndrome. <i>Clinical Science</i> , 2011 , 120, 297-305	6.5	26
46	C-peptide and its correlation to parameters of insulin resistance in the metabolic syndrome. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 921-7	2.6	14
45	Human platelet acetylcholinesterase inhibition by cyclophosphamide: a combined experimental and computational approach. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 928-35	2.6	3

44	Multiple approaches to analyse the data for rat brain acetylcholinesterase inhibition by cyclophosphamide. <i>Neurochemical Research</i> , 2010 , 35, 1501-9	4.6	4
43	Estimation of BTEX in groundwater by using gas chromatography-mass spectrometry. <i>Saudi Journal of Biological Sciences</i> , 2010 , 17, 205-8	4	9
42	Anti-Inflammatory Properties of Acetylcholinesterase Inhibitors Administred in Alzheimers Disease. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2009 , 8, 85-100	2	7
41	Targeting BuChE-inflammatory pathway by SK0506 to manage type 2 diabetes and Alzheimer disease. <i>Neurochemical Research</i> , 2009 , 34, 2163-9	4.6	16
40	Peripheral chemo-cytokine profiles in Alzheimer's and Parkinson's diseases. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009 , 9, 1229-41	3.2	59
39	Kinetics of human serum butyrylcholinesterase inhibition by a novel experimental Alzheimer therapeutic, dihydrobenzodioxepine cymserine. <i>Neurochemical Research</i> , 2008 , 33, 745-53	4.6	51
38	Tetrahydrofurobenzofuran cymserine, a potent butyrylcholinesterase inhibitor and experimental Alzheimer drug candidate, enzyme kinetic analysis. <i>Journal of Neural Transmission</i> , 2008 , 115, 889-98	4.3	40
37	Dissociation Between the Potent β Amyloid Protein Pathway Inhibition and Cholinergic Actions of the Alzheimer Drug Candidates Phenserine and Cymserine 2008 , 445-462		1
36	Kinetic analysis of the inhibition of human butyrylcholinesterase with cymserine. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006 , 1760, 200-6	4	23
35	Neurine, an acetylcholine autolysis product, elevates secreted amyloid-beta protein precursor and amyloid-beta peptide levels, and lowers neuronal cell viability in culture: a role in Alzheimer's disease?. <i>Journal of Alzheimeris Disease</i> , 2006 , 10, 9-16	4.3	10
34	Kinetics of human serum butyrylcholinesterase and its inhibition by a novel experimental Alzheimer therapeutic, bisnorcymserine. <i>Journal of Alzheimeris Disease</i> , 2006 , 10, 43-51	4.3	30
33	Accumulation of 5-phosphoribosyl-1-pyrophosphate in human CCRF-CEM leukaemia cells treated with antifolates. <i>International Journal of Biochemistry and Cell Biology</i> , 2004 , 36, 545-51	5.6	7
32	Kinetic analysis of the toxicological effect of tacrine (Cognex) on human retinal acetylcholinesterase activity. <i>Toxicology</i> , 2000 , 147, 33-9	4.4	27
31	Kinetics of human acetylcholinesterase inhibition by the novel experimental Alzheimer therapeutic agent, tolserine. <i>Biochemical Pharmacology</i> , 2000 , 60, 561-70	6	47
30	Dual substrate model for novel approach towards a kinetic study of acetylcholinesterase inhibition by diazinon. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2000 , 15, 201-13		2
29	Kinetic constants for the inhibition of camel retinal acetylcholinesterase by the carbamate insecticide lannate. <i>Journal of Biochemical and Molecular Toxicology</i> , 1999 , 13, 41-6	3.4	1
28	Human erythrocyte acetylcholinesterase inhibition by cis-diamminediaquaplatinum (II): a novel kinetic approach. <i>Cancer Letters</i> , 1999 , 138, 115-9	9.9	5
27	On the inhibition of camel retina acetylcholinesterase activity by cycloheximide in vitro. <i>Cell Biology and Toxicology</i> , 1998 , 14, 167-74	7.4	3

26	Sensitivity of bovine retinal acetylcholinesterase (E.C. 3.1.1.7) toward tacrine: kinetic characterization. <i>Journal of Biochemical and Molecular Toxicology</i> , 1998 , 12, 245-51	3-4	11
25	Kinetics of the inhibition of acetylcholinesterase in camel retina by cisplatin. <i>Cancer Letters</i> , 1998 , 128, 79-86	9-9	4
24	Kinetics of human erythrocyte acetylcholinesterase inhibition by a novel derivative of physostigmine: phenserine. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 248, 180-5	3-4	32
23	Evaluation of the nature of camel retinal acetylcholinesterase: inhibition by hexamethonium. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1997 , 12, 303-11		3
22	Thermodynamic investigation of camel retina acetylcholinesterase inhibition by cyclophosphamide. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1997 , 11, 275-83		6
21	Effect of sevin on kinetic parameters of camel retina acetylcholinesterase. <i>IUBMB Life</i> , 1997 , 42, 235-46	4-7	
20	Effect of malathion on kinetic parameters of acetylcholinesterase (EC 3.1.1.7) in vitro. <i>IUBMB Life</i> , 1997 , 43, 89-97	4-7	
19	Dual temperature model for the estimation of energetics parameters for acetylcholinesterase inhibition by cyclophosphamide. <i>IUBMB Life</i> , 1997 , 43, 571-81	4-7	1
18	Investigation of the effect of lannate on kinetic parameters of acetylcholinesterase: slightly concave mixed-type of inhibition system. <i>IUBMB Life</i> , 1997 , 43, 1183-93	4-7	1
17	Estimation and correlation of IC50 for the inhibition of human erythrocyte acetylcholinesterase by cis-diamminediaquaplatinum (II). <i>Anticancer Research</i> , 1997 , 17, 4483-6	2-3	
16	Kinetics of human erythrocyte acetylcholinesterase inhibition by cis-diamminediaquaplatinum (II). <i>Anticancer Research</i> , 1997 , 17, 4487-91	2-3	3
15	Purification and characterization of acetylcholinesterase from desert cobra (<i>Walterinnesia aegyptia</i>) venom. <i>Biochimie</i> , 1996 , 78, 46-50	4-6	13
14	The inhibitory effect of cyclophosphamide on camel retina acetylcholinesterase activity. <i>Toxicology Letters</i> , 1996 , 87, 69-76	4-4	12
13	Kinetics for camel (<i>Camelus dromedarius</i>) retina acetylcholinesterase inhibition by methotrexate in vitro. <i>The Japanese Journal of Pharmacology</i> , 1996 , 72, 49-55		7
12	Investigation of the effect of tetrahydroaminoacridine on turnover kinetics of camel (<i>Camelus dromedarius</i>) retina acetylcholinesterase. <i>IUBMB Life</i> , 1996 , 39, 917-22	4-7	1
11	Investigation of the effect of anti-neoplastic drugs, cyclophosphamide, cisplatin and methotrexate on the turnover kinetics of human erythrocyte acetylcholinesterase. <i>IUBMB Life</i> , 1996 , 39, 293-302	4-7	
10	In vitro inhibition of human erythrocyte acetylcholinesterase (EC3.1.1.7) by an antineoplastic drug methotrexate. <i>Molecular and Cellular Biochemistry</i> , 1996 , 159, 47-53	4-2	4
9	The preparation and kinetic analysis of multiple forms of human erythrocyte acetylcholinesterase. <i>Preparative Biochemistry and Biotechnology</i> , 1996 , 26, 105-19	2-4	6

8	Kinetics of the inhibition of acetylcholinesterase from desert cobra (<i>Walterinnesia aegyptia</i>) venom by local anesthetics: procaine and tetracaine. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1996 , 11, 123-34		2
7	Characterization of human erythrocyte membrane-bound acetylcholinesterase inhibition by cisplatin at reversible phase. <i>Anticancer Research</i> , 1996 , 16, 3725-30	2-3	3
6	Acetylcholinesterase from desert cobra (<i>Walterinnesia aegyptia</i>) venom: optimization and kinetics study. <i>Molecular and Cellular Biochemistry</i> , 1995 , 151, 21-6	4-2	15
5	The mode of inhibition of human erythrocyte membrane-bound acetylcholinesterase by cisplatin in vitro. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1995 , 8, 281-9		11
4	Inhibition of human acetylcholinesterase by cyclophosphamide. <i>Toxicology</i> , 1995 , 96, 1-6	4-4	29
3	The preparation and kinetic properties of multiple forms of chicken brain acetylcholinesterase. <i>Cell Biochemistry and Function</i> , 1994 , 12, 29-35	4-2	15
2	Mechanistic insights into the Japanese Encephalitis Virus RNA dependent RNA polymerase protein inhibition by bioflavonoids from <i>Azadirachta indica</i>		1
1	COVID-19 diagnostic methods in developing countries. <i>Environmental Science and Pollution Research</i> ,	5-1	1