

Abbas Shafiee

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.

235
papers

4,780
citations

35
h-index

54
g-index

244
ext. papers

5,557
ext. citations

3.6
avg, IF

5.86
L-index

#	Paper	IF	Citations
235	Strategies to induce blood vessel ingrowth into skin grafts and tissue-engineered substitutes.. <i>Tissue Engineering - Part C: Methods</i> , 2022 ,	2.9	4
234	High-yield isolation of pure fetal endothelial colony forming cells and mesenchymal stem cells from the human full-term placenta.. <i>STAR Protocols</i> , 2022 , 3, 101354	1.4	
233	Immunomodulatory and Therapeutic Effects of Mesenchymal Stem Cells on Organ Dysfunction in Sepsis. <i>Shock</i> , 2021 , 55, 423-440	3.4	9
232	A humanised rat model of osteosarcoma reveals ultrastructural differences between bone and mineralised tumour tissue. <i>Bone</i> , 2021 , 116018	4.7	1
231	Wound Healing: From Passive to Smart Dressings. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100477	10.1	58
230	Engineering Bioactive Scaffolds for Skin Regeneration. <i>Small</i> , 2021 , 17, e2101384	11	17
229	Convergence of 3D printed biomimetic wound dressings and adult stem cell therapy. <i>Biomaterials</i> , 2021 , 268, 120558	15.6	21
228	Coronavirus disease 2019: A tissue engineering and regenerative medicine perspective. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 27-38	6.9	10
227	A humanized orthotopic tumor microenvironment alters the bone metastatic tropism of prostate cancer cells. <i>Communications Biology</i> , 2021 , 4, 1014	6.7	3
226	Porous 3D Printed Scaffolds For Guided Bone Regeneration In a Rat Calvarial Defect Model. <i>Applied Materials Today</i> , 2020 , 20, 100706	6.6	11
225	Local Doxorubicin Delivery via 3D-Printed Porous Scaffolds Reduces Systemic Cytotoxicity and Breast Cancer Recurrence in Mice. <i>Advanced Therapeutics</i> , 2020 , 3, 2000056	4.9	8
224	Targeted camptothecin delivery via silicon nanoparticles reduces breast cancer metastasis. <i>Biomaterials</i> , 2020 , 240, 119791	15.6	40
223	Design and Fabrication of Three-Dimensional Printed Scaffolds for Cancer Precision Medicine. <i>Tissue Engineering - Part A</i> , 2020 , 26, 305-317	3.9	10
222	Synergistic therapeutic effect of mesenchymal stem cells and tolerogenic dendritic cells in an acute colitis mouse model. <i>International Immunopharmacology</i> , 2020 , 88, 107006	5.8	2
221	Mesenchymal stem cell therapies for COVID-19: Current status and mechanism of action. <i>Life Sciences</i> , 2020 , 262, 118493	6.8	24
220	A 3D-printed biomaterials-based platform to advance established therapy avenues against primary bone cancers. <i>Acta Biomaterialia</i> , 2020 , 118, 69-82	10.8	6
219	Engineering a Humanised Niche to Support Human Haematopoiesis in Mice: Novel Opportunities in Modelling Cancer. <i>Cancers</i> , 2020 , 12,	6.6	3

218	N-arylmethylideneaminophthalimide: Design, Synthesis and Evaluation as Analgesic and Anti-inflammatory Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019 , 19, 679-687	3.2	1
217	Recombinant Human Bone Morphogenetic Protein 7 Exerts Osteo-Catabolic Effects on Bone Grafts That Outweigh Its Osteo-Anabolic Capacity. <i>Calcified Tissue International</i> , 2019 , 105, 331-340	3.9	2
216	Controlling Cell Behavior through the Design of Biomaterial Surfaces: A Focus on Surface Modification Techniques. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900572	4.6	143
215	3D printed dual macro-, microscale porous network as a tissue engineering scaffold with drug delivering function. <i>Biofabrication</i> , 2019 , 11, 035014	10.5	26
214	Microenvironment engineering of osteoblastic bone metastases reveals osteomimicry of patient-derived prostate cancer xenografts. <i>Biomaterials</i> , 2019 , 220, 119402	15.6	12
213	Humanized bone facilitates prostate cancer metastasis and recapitulates therapeutic effects of zoledronic acid in vivo. <i>Bone Research</i> , 2019 , 7, 31	13.3	9
212	Immunosuppression Agent Cyclosporine Reduces Self-Renewal and Vessel Regeneration Potentiation of Human Endothelial Colony Forming Cells. <i>Stem Cells Translational Medicine</i> , 2019 , 8, 162-188	6.9	4
211	Palladium functionalized phosphinite polyethyleneimine grafted magnetic silica nanoparticles as an efficient catalyst for the synthesis of isoquinolino[1,2-b]quinazolin-8-ones. <i>New Journal of Chemistry</i> , 2018 , 42, 5499-5507	3.6	19
210	Modelomics to Investigate Cancer Bone Metastasis. <i>Current Molecular Biology Reports</i> , 2018 , 4, 88-100	2	4
209	Polyoxometalate-metal organic framework-lipase: An efficient green catalyst for synthesis of benzyl cinnamate by enzymatic esterification of cinnamic acid. <i>International Journal of Biological Macromolecules</i> , 2018 , 113, 8-19	7.9	38
208	Meso-Endothelial Bipotent Progenitors from Human Placenta Display Distinct Molecular and Cellular Identity. <i>Stem Cell Reports</i> , 2018 , 10, 890-904	8	19
207	Humanization of bone and bone marrow in an orthotopic site reveals new potential therapeutic targets in osteosarcoma. <i>Biomaterials</i> , 2018 , 171, 230-246	15.6	27
206	Aspartic acid functionalized PEGylated MSN@GO hybrid as an effective and sustainable nano-system for in-vitro drug delivery. <i>Advances in Medical Sciences</i> , 2018 , 63, 257-264	2.8	10
205	Synthesis of Magnetic Fe ₃ O ₄ @polyethyleneimine.Mn(II) from Fe ₃ O ₄ , [3-(2,3-Epoxypropoxy)propyl]trimethoxysilane, Polyethyleneimine and Mn(II) Acetate as a Novel Silicon-Containing Polymeric Organic-Inorganic Hybrid Nanomaterial and Its Catalytic Investigation for the Oxidation of Cyclohexanone to Cyclohexanone-2-one	2.4	10
204	Synthesis and Characterization of the First Generation of Polyamino-Ester Dendrimer-Grafted Magnetite Nanoparticles from 3-Aminopropyltriethoxysilane (APTES) via the Convergent Approach. <i>Silicon</i> , 2018 , 10, 595-601	2.4	19
203	Efficient and selective oxidation of alcohols in water employing palladium supported nanomagnetic Fe ₃ O ₄ @hyperbranched polyethylenimine (Fe ₃ O ₄ @HPEI.Pd) as a new organic/inorganic hybrid nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e3908	3.1	19
202	Immune system augmentation via humanization using stem/progenitor cells and bioengineering in a breast cancer model study. <i>International Journal of Cancer</i> , 2018 , 143, 1470-1482	7.5	23
201	Humanization of the Prostate Microenvironment Reduces Homing of PC3 Prostate Cancer Cells to Human Tissue-Engineered Bone. <i>Cancers</i> , 2018 , 10,	6.6	11

200	Laccase Immobilization onto Magnetic Cyclodextrin-Modified Chitosan: Improved Enzyme Stability and Efficient Performance for Phenolic Compounds Elimination. <i>Macromolecular Research</i> , 2018 , 26, 755-762	1.9	21
199	Synthesis of Cytotoxic Isodeoxydopodophyllotoxin Analogs. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 539-545	1.9	1
198	Synthesis of Novel Tacrine Analogs as Acetylcholinesterase Inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 384-390	1.9	13
197	Avoidance of Maternal Cell Contamination and Overgrowth in Isolating Fetal Chorionic Villi Mesenchymal Stem Cells from Human Term Placenta. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 1070-1084	6.9	16
196	Metal-Chelate Immobilization of Lipase onto Polyethylenimine Coated MCM-41 for Apple Flavor Synthesis. <i>Applied Biochemistry and Biotechnology</i> , 2017 , 182, 1371-1389	3.2	16
195	Synthesis of Novel Benzimidazole and Benzothiazole Derivatives Bearing a 1,2,3-triazole Ring System and their Acetylcholinesterase Inhibitory Activity. <i>Journal of Chemical Research</i> , 2017 , 41, 30-35	0.6	13
194	Synthesis of Novel 7-methylene-6,7-dihydrobenzo[f]Benzo[4,5]Imidazo[1,2-d][1,4]Oxazepines via Base-mediated Regioselective Intramolecular Hydroamination. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 2393-2396	1.9	3
193	Mesenchymal stem/stromal cells enhance engraftment, vasculogenic and pro-angiogenic activities of endothelial colony forming cells in immunocompetent hosts. <i>Scientific Reports</i> , 2017 , 7, 13558	4.9	27
192	Fetal Bone Marrow-Derived Mesenchymal Stem/Stromal Cells Enhance Humanization and Bone Formation of BMP7 Loaded Scaffolds. <i>Biotechnology Journal</i> , 2017 , 12, 1700414	5.6	8
191	A review on tacrine-based scaffolds as multi-target drugs (MTDLs) for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017 , 128, 332-345	6.8	104
190	Priming of endothelial colony-forming cells in a mesenchymal niche improves engraftment and vasculogenic potential by initiating mesenchymal transition orchestrated by NOTCH signaling. <i>FASEB Journal</i> , 2017 , 31, 610-624	0.9	31
189	Synthesis and biological evaluation of novel imidazopyrimidin-3-amines as anticancer agents. <i>Chemical Biology and Drug Design</i> , 2017 , 89, 797-805	2.9	9
188	An efficient, four-component reaction for the synthesis of novel carbamodithioates. <i>Journal of Sulfur Chemistry</i> , 2017 , 38, 43-51	2.3	3
187	Coumarin derivatives bearing benzoheterocycle moiety: synthesis, cholinesterase inhibitory, and docking simulation study. <i>Iranian Journal of Basic Medical Sciences</i> , 2017 , 20, 631-638	1.8	4
186	In Silico Screening of IL-1 β Production Inhibitors Using Chemometric Tools. <i>Iranian Journal of Pharmaceutical Research</i> , 2017 , 16, 513-524	1.1	
185	Anticonvulsant Effects of New 1, 4-Dihydropyridine Derivatives Containing Imidazolyl Moiety Against Seizures Induced by Pentylene tetrazole and Maximal Electroshock in Mice. <i>Iranian Journal of Pharmaceutical Research</i> , 2017 , 16, 893-903	1.1	
184	Co-culture of Mesenchymal Stem Cells and Endothelial Colony Forming Cells. <i>Bio-protocol</i> , 2017 , 7, e2587	0.9	0
183	Sulfonic Acid Supported Phosphonium Based Ionic Liquid Functionalized SBA-15 for the Synthesis of 2-Amino-3-cyano-4,6-diarylpyridines. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016 , 46, 306-310		3

182	2-Imino 2H-chromene and 2-(phenylimino) 2H-chromene 3-aryl carboxamide derivatives as novel cytotoxic agents: synthesis, biological assay, and molecular docking study. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 2163-2171	2	16
181	Synthesis and anti-acetylcholinesterase activity of benzotriazinone-triazole systems. <i>Journal of Chemical Sciences</i> , 2016 , 128, 1445-1449	1.8	8
180	Synthesis, conformational assignment, and anti-inflammatory activities of N-arylidene-2-(4-chloro-2-(2-substituted phenoxy)phenyl)acetic acid hydrazides. <i>Medicinal Chemistry Research</i> , 2016 , 25, 2220-2236	2.2	2
179	Quinoline-based imidazole-fused heterocycles as new inhibitors of 15-lipoxygenase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 205-209	5.6	8
178	Synthesis and structure-activity relationship study of tacrine-based pyrano[2,3-c]pyrazoles targeting AChE/BuChE and 15-LOX. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 298-308	6.8	26
177	Novel Tacrine-Based Pyrano[3,4-c,6]pyrano[2,3-b]quinolinones: Synthesis and Cholinesterase Inhibitory Activity. <i>Archiv Der Pharmazie</i> , 2016 , 349, 915-924	4.3	16
176	Synthesis of Novel Pyrazino[2,1-a]isoindole-1,3-diones via Intramolecular Hydroamination of 2,3-Dihydro-3-oxo-2-(prop-2-yn-1-yl)-1H-isoindole-1-carboxamides. <i>Helvetica Chimica Acta</i> , 2016 , 99, 187-190	2	6
175	Synthesis and Cytotoxic Evaluation of Novel 1,2,3-Triazole-4-Linked (2E,6E)-2-Benzylidene-6-(4-nitrobenzylidene)cyclohexanones. <i>Helvetica Chimica Acta</i> , 2016 , 99, 175-180	2	3
174	Design and synthesis of novel anti-Alzheimer's agents: Acridine-chromenone and quinoline-chromenone hybrids. <i>Bioorganic Chemistry</i> , 2016 , 67, 84-94	5.1	47
173	Synthesis of novel fused quinazolinone derivatives. <i>Molecular Diversity</i> , 2016 , 20, 677-85	3.1	10
172	Novel pH-responsive multilayer magnetic nanoparticles for controlled drug delivery. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 1653-1666	2	3
171	Synthesis of Novel Phthalazino[1,2-b]quinazolinone Derivatives: Efficient and Practical Reaction of 2-Amino-N ² -Arylbenzohydrazides and 2-Formylbenzoic Acids. <i>Helvetica Chimica Acta</i> , 2016 , 99, 539-542	2	6
170	Self-Renewal and High Proliferative Colony Forming Capacity of Late-Outgrowth Endothelial Progenitors Is Regulated by Cyclin-Dependent Kinase Inhibitors Driven by Notch Signaling. <i>Stem Cells</i> , 2016 , 34, 902-12	5.8	29
169	A Three-Dimensional Scaffold-Based System for Modeling the Bone Marrow Tissue. <i>Stem Cells and Development</i> , 2016 , 25, 492-8	4.4	6
168	Preparation and Evaluation of Contact Lenses Embedded with Polycaprolactone-Based Nanoparticles for Ocular Drug Delivery. <i>Biomacromolecules</i> , 2016 , 17, 485-95	6.9	64
167	A Novel Copper-Catalyzed Preparation of Pyrido[1,2-a]pyrimidine Derivatives. <i>Synlett</i> , 2016 , 27, 1359-1362	2	3
166	Synthesis of Novel Isoindolo[2,1-a]quinazolinone Derivatives Containing a 1,2,3-Triazole Ring System. <i>Helvetica Chimica Acta</i> , 2016 , 99, 37-40	2	10
165	Aza-Michael-type addition reaction catalysed by a supported ionic liquid phase incorporating an anionic heteropoly acid. <i>Tetrahedron Letters</i> , 2016 , 57, 1150-1153	2	23

164	Efficient three-step synthesis of benzo[e]imidazo[1,2-c][1,2,3]triazines. <i>Synthetic Communications</i> , 2016 , 46, 563-567	1.7	8
163	Design, synthesis, and biological evaluation of new series of 2-amido-1,3,4-thiadiazole derivatives as cytotoxic agents. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016 , 71, 205-210	1	5
162	Iodine-Mediated Synthesis of Novel Pyrazole Derivatives. <i>Synthesis</i> , 2016 , 48, 541-546	2.9	7
161	Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 112, 91-98	6.8	55
160	Copper supported β -cyclodextrin grafted magnetic nanoparticles as an efficient recyclable catalyst for one-pot synthesis of 1-benzyl-1H-1,2,3-triazoldibenzodiazepinone derivatives via click reaction. <i>RSC Advances</i> , 2016 , 6, 28838-28843	3.7	25
159	Synthesis and Evaluation of Novel Quinazolinone-1,2,3-Triazoles as Inhibitors of Lipoygenase. <i>Journal of Chemical Research</i> , 2016 , 40, 188-191	0.6	12
158	Design, synthesis and QSAR study of arylidene indoles as anti-platelet aggregation inhibitors. <i>Medicinal Chemistry Research</i> , 2016 , 25, 1-18	2.2	14
157	D, L-Sulforaphane Loaded Fe ₃ O ₄ @ Gold Core Shell Nanoparticles: A Potential Sulforaphane Delivery System. <i>PLoS ONE</i> , 2016 , 11, e0151344	3.7	25
156	Transition-Metal-Catalyzed Acyloxylation: Activation of C(sp ²) and C(sp ³) Bonds. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3282-3299	3.2	66
155	Evaluation and comparison of the in vitro characteristics and chondrogenic capacity of four adult stem/progenitor cells for cartilage cell-based repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 600-610	5.4	32
154	Synthesis of Novel 6-Mercapto-12-phenethyl-quinazolino[3,4-a]quinazolinones. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 1595-1602	1.9	3
153	Preparation and Characterization of MCM-41@PEI/Mn as a New Organic/Inorganic Hybrid Nanomaterial and Study of its Catalytic Role in the Oxidation of Cyclohexene, Ethyl Benzene, and Toluene in the Presence of H ₂ O ₂ as an Oxidant. <i>Bulletin of the Korean Chemical Society</i> , 2016 , 37, 529-537	1.2	6
152	CuBr/Et ₃ N-Promoted Reactions of 2-Aminobenzamides and Isothiocyanates: Efficient Synthesis of Novel Quinazolin-4(3H)-ones. <i>Helvetica Chimica Acta</i> , 2016 , 99, 378-383	2	6
151	Hetero-annulated coumarins as new AChE/BuChE inhibitors: synthesis and biological evaluation. <i>Medicinal Chemistry Research</i> , 2016 , 25, 1831-1841	2.2	11
150	Phthalimide-Derived N-Benzylpyridinium Halides Targeting Cholinesterases: Synthesis and Bioactivity of New Potential Anti-Alzheimer Disease Agents. <i>Archiv Der Pharmazie</i> , 2016 , 349, 293-301	4.3	17
149	Perinatal Tissue-Derived Endothelial Progenitor Cells. <i>Pancreatic Islet Biology</i> , 2016 , 65-80	0.4	2
148	Structure-based design, synthesis, molecular docking study and biological evaluation of 1,2,4-triazine derivatives acting as COX/15-LOX inhibitors with anti-oxidant activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 1602-11	5.6	14
147	Arylhydrazone derivatives of naproxen as new analgesic and anti-inflammatory agents: Design, synthesis and molecular docking studies. <i>Journal of Molecular Graphics and Modelling</i> , 2016 , 67, 127-36	2.8	10

146	Efficient Synthesis of Polyfunctionalized Pyrimidine Derivatives. <i>Synlett</i> , 2016 , 27, 1689-1692	2.2	3
145	Synthesis and cytotoxicity of novel chromenone derivatives bearing 4-nitrophenoxy phenyl acryloyl moiety. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 1139-1144	2	2
144	Synthesis of novel 1,2,3-triazole derivatives of 2,3-dihydroquinazolin-4(1H)-one. <i>Monatshefte Für Chemie</i> , 2016 , 147, 2151-2156	1.4	2
143	Three-component one-pot synthesis of dihydrochromeno[4,3-b]pyrazolo[4,3-e]pyridines. <i>Heterocyclic Communications</i> , 2016 , 22,	1.7	6
142	Synthesis and biological evaluation of 1,3,4,5-tetrasubstituted pyrazole derivatives. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016 , 71, 973-977	1	3
141	Enhancement of thermal reversibility and stability of human carbonic anhydrase II by mesoporous nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2015 , 75, 67-72	7.9	9
140	Potent acetylcholinesterase inhibitors: design, synthesis, biological evaluation, and docking study of acridone linked to 1,2,3-triazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 799-806	6.8	74
139	Combined isocyanide-based multi-component Ullmann-type reaction: an efficient access to novel nitrogen-containing pentacyclic compounds. <i>Molecular Diversity</i> , 2015 , 19, 797-805	3.1	18
138	Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. <i>Molecular Diversity</i> , 2015 , 19, 787-95	3.1	36
137	Fetal endothelial and mesenchymal progenitors from the human term placenta: potency and clinical potential. <i>Stem Cells Translational Medicine</i> , 2015 , 4, 419-23	6.9	17
136	Efficient Synthesis of 2-Methylenethiazolo[2,3-b]quinazolinone Derivatives. <i>Synlett</i> , 2015 , 26, 173-176	2.2	11
135	Recent applications of 1,3-thiazole core structure in the identification of new lead compounds and drug discovery. <i>European Journal of Medicinal Chemistry</i> , 2015 , 97, 699-718	6.8	208
134	MiR-371-373 cluster acts as a tumor-suppressor-miR and promotes cell cycle arrest in unrestricted somatic stem cells. <i>Tumor Biology</i> , 2015 , 36, 7765-74	2.9	15
133	Synthesis and anticancer activity of N-substituted 2-arylquinazolinones bearing trans-stilbene scaffold. <i>European Journal of Medicinal Chemistry</i> , 2015 , 95, 492-9	6.8	54
132	Evaluation of multilayer coated magnetic nanoparticles as biocompatible curcumin delivery platforms for breast cancer treatment. <i>RSC Advances</i> , 2015 , 5, 88096-88107	3.7	35
131	A Highly Efficient Method for the Synthesis of Novel 1 <i>H</i> -spiro[indene-2,2'-quinazoline]-1,3,4-(3 <i>H</i>)-trione Derivatives. <i>Journal of Chemical Research</i> , 2015 , 39, 495-498	0.6	7
130	Synthesis and Evaluation of Chroman-4-One Linked to N-Benzyl Pyridinium Derivatives as New Acetylcholinesterase Inhibitors. <i>Archiv Der Pharmazie</i> , 2015 , 348, 643-9	4.3	18
129	Synthesis of Novel 1,2,3-Triazole-dihydro[3,2- <i>c</i>]chromenones as Acetylcholinesterase Inhibitors. <i>Synthetic Communications</i> , 2015 , 45, 2311-2318	1.7	24

128	Straightforward Approach Toward Dihydrothiazoles via Intramolecular Bromocyclization. <i>Synthetic Communications</i> , 2015 , 45, 2142-2147	1.7	4
127	Sulfamic acid-functionalized hydroxyapatite-encapsulated Fe ₂ O ₃ nanoparticles as a magnetically recoverable catalyst for synthesis of N-fused imidazole-quinoline conjugates under solvent-free conditions. <i>RSC Advances</i> , 2015 , 5, 83530-83537	3.7	13
126	Experimental and computational evidence for KOt-Bu-promoted synthesis of oxopyrazino[1,2-a]indoles. <i>RSC Advances</i> , 2015 , 5, 101353-101361	3.7	16
125	Fast Removal of Methylene Blue from Aqueous Solution Using Magnetic-Modified Fe ₃ O ₄ Nanoparticles. <i>Journal of Environmental Engineering, ASCE</i> , 2015 , 141, 04014049	2	14
124	Synthesis of some novel pyrano[2,3-f]chromenone derivatives. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 605-612	2	5
123	Synthesis and Evaluation of Coumarin-Besveratrol Hybrids as 15-Lipoxygenase Inhibitors. <i>Synthetic Communications</i> , 2015 , 45, 741-749	1.7	22
122	Synthesis and evaluation of novel oxoisoindoline derivatives as acetylcholinesterase inhibitors. <i>Monatshefte für Chemie</i> , 2015 , 146, 637-643	1.4	17
121	New tetracyclic tacrine analogs containing pyrano[2,3-c]pyrazole: efficient synthesis, biological assessment and docking simulation study. <i>European Journal of Medicinal Chemistry</i> , 2015 , 89, 296-303	6.8	56
120	Synthesis of Novel Dibenzylbutyrolactones as Dimethylmatairesinol Analogues. <i>Journal of Heterocyclic Chemistry</i> , 2015 , 52, 1693-1698	1.9	1
119	Synthesis and anticholinergic activity of 4-hydroxycoumarin derivatives containing substituted benzyl-1,2,3-triazole moiety. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 1215-20	2.9	30
118	Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridone-1,2,4-oxadiazole-1,2,3-triazole Hybrids. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 1425-32	2.9	50
117	Novel 1,2,3,4-Tetrahydroquinazolinones via Reaction of 2-Amino-N-substituted Benzamides and Dimethyl Acetylenedicarboxylate. <i>Helvetica Chimica Acta</i> , 2015 , 98, 1028-1033	2	9
116	Neuroregenerative effects of olfactory ensheathing cells transplanted in a multi-layered conductive nanofibrous conduit in peripheral nerve repair in rats. <i>Journal of Biomedical Science</i> , 2015 , 22, 35	13.3	41
115	Synthesis, antileishmanial activity and QSAR study of (1,3,4-thiadiazol-2-ylthio) acetamides derived from 5-nitrofur. <i>Medicinal Chemistry Research</i> , 2015 , 24, 891-900	2.2	5
114	Overexpression of microRNA-16 declines cellular growth, proliferation and induces apoptosis in human breast cancer cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015 , 51, 604-11	2.6	40
113	Cytotoxicity Evaluation and Magnetic Characteristics of Mechano-thermally Synthesized CuNi Nanoparticles for Hyperthermia. <i>Journal of Materials Engineering and Performance</i> , 2015 , 24, 1220-1225	1.6	16
112	Evaluation of Anxiolytic, Sedative-hypnotic and Amnesic Effects of Novel 2-phenoxy phenyl-1,3,4-oxadiazole Derivatives Using Experimental Models. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 51-7	1.1	5
111	Novel N-2-(Furyl)-2-(chlorobenzyloxyimino) Ethyl Piperazinyl Quinolones: Synthesis, Cytotoxic Evaluation and Structure-Activity Relationship. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 1095-103	1.1	5

110	Synthesis, receptor affinity and effect on pentylenetetrazole-induced seizure threshold of novel benzodiazepine analogues: 3-Substituted 5-(2-phenoxybenzyl)-4H-1,2,4-triazoles and 2-amino-5-(phenoxybenzyl)-1,3,4-oxadiazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1929-37	3.4	12
109	Synthesis, docking simulation, biological evaluations and 3D-QSAR study of 5-Aryl-6-(4-methylsulfonyl)-3-(methylthio)-1,2,4-triazine as selective cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 865-73	3.4	43
108	Imidazo[2,1-b]thiazole derivatives as new inhibitors of 15-lipoxygenase. <i>European Journal of Medicinal Chemistry</i> , 2014 , 87, 759-64	6.8	26
107	Efficient and Ecofriendly Route for the Solvent-Free Synthesis of 4-Alkoxy-5H-chromen[2,3-d]pyrimidines Using Phosphonic Acid Functionalized KIT-6 Confined Ionic Liquid as Recoverable Catalyst. <i>Synthetic Communications</i> , 2014 , 44, 2826-2837	1.7	3
106	Synthesis, in vitro cytotoxicity and apoptosis inducing study of 2-aryl-3-nitro-2H-chromene derivatives as potent anti-breast cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2014 , 86, 562-9	6.8	75
105	One-pot, four-component synthesis of novel cytotoxic agents 1-(5-aryl-1,3,4-oxadiazol-2-yl)-1-(1H-pyrrol-2-yl)methanamines. <i>European Journal of Medicinal Chemistry</i> , 2014 , 78, 151-6	6.8	75
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100	Efficient Solvent-Free Synthesis of Benzothiazine-Fused Pyrrolo[3,4-c]coumarins: Cycloaddition Reactions between Coumarin-Based Dihydrobenzothiazoles and Isocyanides. <i>Helvetica Chimica Acta</i> , 2014 , 97, 847-853	2	10
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