

Abbas Shafiee

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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	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
234	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
233	A comparison between osteogenic differentiation of human unrestricted somatic stem cells and mesenchymal stem cells from bone marrow and adipose tissue. <i>Biotechnology Letters</i> , 2011 , 33, 1257-64 ³		120
232	Electrospun nanofiber-based regeneration of cartilage enhanced by mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 99, 467-78	5.4	105
231	A review on tacrine-based scaffolds as multi-target drugs (MTDLs) for Alzheimer@ disease. <i>European Journal of Medicinal Chemistry</i> , 2017 , 128, 332-345	6.8	104
230	New approach to bone tissue engineering: simultaneous application of hydroxyapatite and bioactive glass coated on a poly(L-lactic acid) scaffold. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 4518-24	9.5	95
229	Curcumin-loaded guanidine functionalized PEGylated I3ad mesoporous silica nanoparticles KIT-6: practical strategy for the breast cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2014 , 83, 646-54 ^{6.8}	6.8	76
228	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}	6.8	75
227	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
226	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}	6.8	74
225	Transition-Metal-Catalyzed Acyloxylation: Activation of C(sp ²) π and C(sp ³) π Bonds. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3282-3299	3.2	66
224	Nasal septum-derived multipotent progenitors: a potent source for stem cell-based regenerative medicine. <i>Stem Cells and Development</i> , 2011 , 20, 2077-91	4.4	65
223	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
222	Green oxidation of alcohols by using hydrogen peroxide in water in the presence of magnetic Fe ₃ O ₄ nanoparticles as recoverable catalyst. <i>Green Chemistry Letters and Reviews</i> , 2014 , 7, 257-264	4.7	64
221	Wound Healing: From Passive to Smart Dressings. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100477	10.1	58
220	Synthesis and in vitro antifungal and cytotoxicity evaluation of thiazolo-4H-1,2,4-triazoles and 1,2,3-thiadiazolo-4H-1,2,4-triazoles. <i>Archiv Der Pharmazie</i> , 2000 , 333, 347-54	4.3	57
219	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

218	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
217	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
216	Indolinone-based acetylcholinesterase inhibitors: synthesis, biological activity and molecular modeling. <i>European Journal of Medicinal Chemistry</i> , 2014 , 84, 375-81	6.8	54
215	Synthesis and anti-cholinesterase activity of new 7-hydroxycoumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014 , 82, 536-44	6.8	51
214	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
213	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
212	miRNAs expressed differently in cancer stem cells and cancer cells of human gastric cancer cell line MKN-45. <i>Cell Biochemistry and Function</i> , 2012 , 30, 411-8	4.2	45
211	Phenylimino-2H-chromen-3-carboxamide derivatives as novel small molecule inhibitors of β -secretase (BACE1). <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 2396-2412	3.4	45
210	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
209	Synthesis, biological evaluation and docking study of 3-aryl-1-(4-sulfamoylphenyl)thiourea derivatives as 15-lipoxygenase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014 , 82, 308-13	6.8	43
208	Effects of low level laser therapy on proliferation and neurotrophic factor gene expression of human schwann cells in vitro. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012 , 107, 9-13	6.7	41
207	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
206	Genetic modification of mesenchymal stem cells to overexpress CXCR4 and CXCR7 does not improve the homing and therapeutic potentials of these cells in experimental acute kidney injury. <i>Stem Cells and Development</i> , 2012 , 21, 2969-80	4.4	41
205	Radioprotective effects of 2-iminothiazolidine derivatives against lethal doses of gamma radiation in mice. <i>Journal of Radiation Research</i> , 2001 , 42, 401-8	2.4	41
204	Targeted camptothecin delivery via silicon nanoparticles reduces breast cancer metastasis. <i>Biomaterials</i> , 2020 , 240, 119791	15.6	40
203	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
202	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
201	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

200	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
199	Effect of membrane clarification on the physicochemical properties of pomegranate juice. <i>International Journal of Food Science and Technology</i> , 2010 , 45, 1457-1463	3.8	35
198	Self-Assembled Mercapto-Compound-Gold-Nanoparticle-Modified Carbon Paste Electrode for Potentiometric Determination of Cadmium(II). <i>Electroanalysis</i> , 2008 , 20, 1891-1896	3	35
197	Synthesis of Novel 1,4-Benzodiazepine-3,5-dione Derivatives: Reaction of 2-Aminobenzamides under Bargellini Reaction Conditions. <i>Synlett</i> , 2012 , 23, 2521-2525	2.2	32
196	Sulphur-containing compounds in the essential oil of the root of <i>Ferula persica</i> Willd. var. <i>persica</i> . <i>Flavour and Fragrance Journal</i> , 2006 , 21, 260-261	2.5	32
195	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
194	Enhanced chondrogenesis of human nasal septum derived progenitors on nanofibrous scaffolds. <i>Materials Science and Engineering C</i> , 2014 , 40, 445-54	8.3	31
193	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
192	Early spontaneous immortalization and loss of plasticity of rabbit bone marrow mesenchymal stem cells. <i>Cell Proliferation</i> , 2011 , 44, 67-74	7.9	31
191	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
190	Novel isolation strategy to deliver pure fetal-origin and maternal-origin mesenchymal stem cell (MSC) populations from human term placenta. <i>Placenta</i> , 2014 , 35, 969-71	3.4	30
189	Poly (epsilon-caprolactone) nanofibrous ring surrounding a polyvinyl alcohol hydrogel for the development of a biocompatible two-part artificial cornea. <i>International Journal of Nanomedicine</i> , 2011 , 6, 1509-15	7.3	30
188	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
187	Synthesis, molecular docking study, and anticancer activity of triaryl-1,2,4-oxadiazole. <i>Medicinal Chemistry Research</i> , 2013 , 22, 4253-4262	2.2	28
186	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
185	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
184	Synthesis of Monospiro-2-amino-4H-pyran Derivatives Catalyzed by Propane-1-sulfonic Acid-Modified Magnetic Hydroxyapatite Nanoparticles. <i>Helvetica Chimica Acta</i> , 2013 , 96, 1601-1609	2	27
183	Comparative immunomodulatory properties of adipose-derived mesenchymal stem cells conditioned media from BALB/c, C57BL/6, and DBA mouse strains. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 955-65	4.7	27

182	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
181	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
180	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
179	Reaction of Isatoic Anhydride, Amine, and N,N'-Dialkyl Carbodiimides Under Solvent-Free Conditions: New and Efficient Synthesis of 3-Alkyl-2-(alkylamino)quinazolin-4(3H)-ones. <i>Synthetic Communications</i> , 2013 , 43, 2385-2392	1.7	26
178	One-Pot, Four-Component Synthesis of Novel Imidazo[2,1-b]thiazol-5-amine Derivatives. <i>Synthesis</i> , 2012 , 44, 3649-3654	2.9	26
177	Synthesis and in vitro antimicrobial evaluation of 5-(1-methyl-5-nitro-2-imidazolyl)-4H-1,2,4-triazoles. <i>Archiv Der Pharmazie</i> , 2002 , 335, 495-9	4.3	26
176	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
175	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
174	Synthesis of Novel 1,2,3-Triazole-dihydro[3,2-c]chromenones as Acetylcholinesterase Inhibitors. <i>Synthetic Communications</i> , 2015 , 45, 2311-2318	1.7	24
173	A collagen-poly(vinyl alcohol) nanofiber scaffold for cartilage repair. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 2445-55	3.5	24
172	Mesenchymal stem cell therapies for COVID-19: Current status and mechanism of action. <i>Life Sciences</i> , 2020 , 262, 118493	6.8	24
171	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
170	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
169	Synthesis of Novel Benzo[6,7][1,4]oxazepino[4,5-a]quinazolinone Derivatives via Transition-Metal-Free Intramolecular Hydroamination. <i>Synlett</i> , 2014 , 25, 385-388	2.2	23
168	Synthesis and Evaluation of Coumarin-Besveratrol Hybrids as 15-Lipoxygenase Inhibitors. <i>Synthetic Communications</i> , 2015 , 45, 741-749	1.7	22
167	Novel Four-Step Synthesis of Thioxo-quinazolino[3,4-a]quinazolinone Derivatives. <i>Synthetic Communications</i> , 2014 , 44, 215-221	1.7	22
166	Chemical composition of the essential oils of <i>Stachys schtschegleevii</i> Sosn. and <i>Stachys balansae</i> Boiss & Kotschy from Iran. <i>Flavour and Fragrance Journal</i> , 2006 , 21, 290-293	2.5	22
165	Vilsmeier Reagent: An Efficient Reagent for the Transformation of 2-Aminobenzamides into Quinazolin-4(3H)-one Derivatives. <i>Synthetic Communications</i> , 2014 , 44, 481-487	1.7	21

164	Comparison of acellular and cellular bioactivity of poly 3-hydroxybutyrate/hydroxyapatite nanocomposite and poly 3-hydroxybutyrate scaffolds. <i>Biotechnology and Bioprocess Engineering</i> , 2013 , 18, 587-593	3.1	21
163	A comparison of pluripotency and differentiation status of four mesenchymal adult stem cells. <i>Molecular Biology Reports</i> , 2013 , 40, 3693-703	2.8	21
162	Synthesis and analgesic activity of new 1,3,4-oxadiazoles and 1,2,4-triazoles. <i>Medicinal Chemistry Research</i> , 2011 , 20, 435-442	2.2	21
161	Convergence of 3D printed biomimetic wound dressings and adult stem cell therapy. <i>Biomaterials</i> , 2021 , 268, 120558	15.6	21
160	Laccase Immobilization onto Magnetic β -Cyclodextrin-Modified Chitosan: Improved Enzyme Stability and Efficient Performance for Phenolic Compounds Elimination. <i>Macromolecular Research</i> , 2018 , 26, 755-762	1.9	21
159	miR-146a and miR-150 promote the differentiation of CD133+ cells into T-lymphoid lineage. <i>Molecular Biology Reports</i> , 2013 , 40, 4713-9	2.8	20
158	New Germacrane Derivative from <i>Ferula persica</i> . <i>Pharmaceutical Biology</i> , 2003 , 41, 431-433	3.8	20
157	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
156	Meso-Endothelial Bipotent Progenitors from Human Placenta Display Distinct Molecular and Cellular Identity. <i>Stem Cell Reports</i> , 2018 , 10, 890-904	8	19
155	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
154	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-organic hybrid nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e3908	3.1	19
153	Dormant phase and multinuclear cells: two key phenomena in early culture of murine bone marrow mesenchymal stem cells. <i>Stem Cells and Development</i> , 2011 , 20, 1337-47	4.4	19
152	Composition of the volatile oils of <i>Phlomis lanceolata</i> Boiss. & Hohen., <i>Phlomis anisodonta</i> Boiss. and <i>Phlomis bruguieri</i> Desf. from Iran. <i>Flavour and Fragrance Journal</i> , 2005 , 20, 327-329	2.5	19
151	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
150	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
149	The aggregate nature of human mesenchymal stromal cells in native bone marrow. <i>Cytotherapy</i> , 2012 , 14, 917-24	4.8	18
148	Synthesis and cytotoxic activity of novel benzopyrano[3,2-c]chromene-6,8-dione derivatives. <i>Medicinal Chemistry Research</i> , 2011 , 20, 466-474	2.2	18
147	Design, Synthesis and Pharmacological Evaluation of Novel 2-[2-(2-Chlorophenoxy) phenyl]-1,3,4-oxadiazole Derivatives as Benzodiazepine Receptor Agonists. <i>Iranian Journal of Pharmaceutical Research</i> , 2012 , 11, 83-90	1.1	18

146	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
145	Synthesis and evaluation of novel oxoisindoline derivatives as acetylcholinesterase inhibitors. <i>Monatshefte Für Chemie</i> , 2015 , 146, 637-643	1.4	17
144	Green Synthesis of New Boron-Containing Quinazolines: Preparation of Benzo[d][1,3,2]diazaborinin-4(1H)-one Derivatives. <i>Synthetic Communications</i> , 2013 , 43, 2936-2942	1.7	17
143	Convenient syntheses of 5-[(2-methyl-5-nitro-1H-imidazol-1-yl)methyl]-1,3,4-oxadiazole-2(3H)thione and N-substituted 2-amino-5-[(2-methyl-5-nitro-1H-imidazol-1-yl)methyl]-1,3,4-thiadiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2008 , 45, 921-925	1.9	17
142	Chemical Composition of the Essential Oil of <i>Stachys byzanthin</i> C. Koch. from Iran. <i>Journal of Essential Oil Research</i> , 2003 , 15, 77-78	2.3	17
141	Engineering Bioactive Scaffolds for Skin Regeneration. <i>Small</i> , 2021 , 17, e2101384	11	17
140	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
139	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
138	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
137	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
136	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
135	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
134	Isolation, characterization, and mesodermic differentiation of stem cells from adipose tissue of camel (<i>Camelus dromedarius</i>). <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013 , 49, 147-54	2.6	16
133	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
132	Biological evaluation of synthetic analogues of curcumin: chloro-substituted-2'-hydroxychalcones as potential inhibitors of tubulin polymerization and cell proliferation. <i>Medicinal Chemistry Research</i> , 2011 , 20, 503-510	2.2	16
131	Synthesis of novel 3,4-diaryl-1H-pyrroles. <i>Journal of Heterocyclic Chemistry</i> , 2007 , 44, 471-474	1.9	16
130	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
129	5-Nitro-heteroarylidene analogs of 2-thiazolylimino-4-thiazolidinones as a novel series of antibacterial agents. <i>Medicinal Chemistry Research</i> , 2013 , 22, 2293-2302	2.2	15

128	Design and synthesis of niflumic acid-based N-acylhydrazone derivatives as novel anti-inflammatory and analgesic agents. <i>Medicinal Chemistry Research</i> , 2013 , 22, 2411-2420	2.2	15
127	Novel approach to reduce postsurgical adhesions to a minimum: administration of losartan plus atorvastatin intraperitoneally. <i>Journal of Surgical Research</i> , 2013 , 181, 91-8	2.5	15
126	Synthesis of Two Novel 3-Amino-5-[4-chloro-2-phenoxyphenyl]-4H-1,2,4-triazoles with Anticonvulsant Activity. <i>Iranian Journal of Pharmaceutical Research</i> , 2010 , 9, 265-9	1.1	15
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	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
123	Synthesis, cytotoxic evaluation, and molecular docking study of 4,5-diaryl-thiazole-2-thione analogs of combretastatin A-4 as microtubule-binding agents. <i>Medicinal Chemistry Research</i> , 2014 , 23, 1465-1473 ^{2,2}	2.2	14
122	Synthesis of new thiazolo[3,2-b][1,2,4]triazole-6(5H)-one derivatives as potent analgesic and anti-inflammatory agents. <i>Medicinal Chemistry Research</i> , 2014 , 23, 948-957	2.2	14
121	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
120	Synthesis of Novel Tacrine Analogs as Acetylcholinesterase Inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 384-390	1.9	13
119	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
118	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
117	Highly cis-Diastereoselective Synthesis of Coumarin-Based 2,3-Disubstituted Dihydrobenzothiazines by Organocatalysis. <i>Helvetica Chimica Acta</i> , 2012 , 95, 660-671	2	13
116	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
115	Microenvironment engineering of osteoblastic bone metastases reveals osteomimicry of patient-derived prostate cancer xenografts. <i>Biomaterials</i> , 2019 , 220, 119402	15.6	12
114	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
113	Synthesis, cyclooxygenase inhibitory effects, and molecular modeling study of 4-aryl-5-(4-(methylsulfonyl)phenyl)-2-alkylthio and -2-alkylsulfonyl-1H-imidazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 2355-2362	3.4	12
112	Potassium tert-Butoxide Promoted Intramolecular Amination of 1-Aryl-2-(2-nitrobenzylidene)hydrazines: Efficient Synthesis of 1-Aryl-1H-indazoles. <i>Synlett</i> , 2014 , 25, 2605-2608	2.2	12
111	Mir-302 cluster exhibits tumor suppressor properties on human unrestricted somatic stem cells. <i>Tumor Biology</i> , 2014 , 35, 6657-64	2.9	12

110	Biological activities and pharmacokinetics of praeruptorins from Peucedanum species: a systematic review. <i>BioMed Research International</i> , 2013 , 2013, 343808	3	12
109	Syntheses of 2-Alkylthio-(4,5-Diaryl)imidazoles 1. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 1587-1592	1	12
108	Efficient Synthesis of 2-Methylenethiazolo[2,3-b]quinazolinone Derivatives. <i>Synlett</i> , 2015 , 26, 173-176	2.2	11
107	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
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