

Akram Zangeneh

List of Publications by Year in descending order

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85
papers

2,729
citations

196777

29
h-index

214428

50
g-index

89
all docs

89
docs citations

89
times ranked

1472
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of silver nanoparticles containing <i>Gundelia tournefortii</i> L. leaf aqueous extract in the treatment of microbial diseases and cutaneous wound healing. <i>Applied Organometallic Chemistry</i> , 2022, 36, e5491.	1.7	8
2	Introducing a novel chemotherapeutic drug formulated by iron nanoparticles for the clinical trial studies. <i>Applied Organometallic Chemistry</i> , 2022, 36, e5498.	1.7	5
3	Biosynthesis of copper nanoparticles using <i>Allium eriophyllum</i> Boiss leaf aqueous extract; characterization and analysis of their antimicrobial and cutaneous wound healing potentials. <i>Applied Organometallic Chemistry</i> , 2022, 36, e5587.	1.7	23
4	Palladium nanoparticles decorated Chitosan-Pectin modified Kaolin: Its catalytic activity for Suzuki-Miyaura coupling reaction, reduction of the 4-nitrophenol, and treatment of lung cancer. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109523.	1.8	28
5	Formulation and characterization of a novel cutaneous wound healing ointment by silver nanoparticles containing Citrus lemon leaf: A chemobiological study. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103246.	2.3	33
6	Cu immobilized on chitosan-modified iron oxide magnetic nanoparticles: Preparation, characterization and investigation of its anti-lung cancer effects. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103224.	2.3	23
7	Gold nanoparticles formulated with <i>Nigella</i> aqueous extract having potent antioxidant and anti-human ovarian cancer activities in vitro condition. <i>Archives of Medical Science</i> , 2021, , .	0.4	1
8	Assessment of antioxidant, cytotoxicity, antibacterial, antifungal, and cutaneous wound healing activities of green synthesized manganese nanoparticles using <i>Ziziphora clinopodioides</i> Lam leaves under <i>in vitro</i> and <i>in vivo</i> condition. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5248.	1.7	65
9	Novel green synthesis of <i>Hibiscus sabdariffa</i> flower extract conjugated gold nanoparticles with excellent anti-acute myeloid leukemia effect in comparison to daunorubicin in a leukemic rodent model. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5271.	1.7	46
10	Chemical characterization and anti-breast cancer effects of silver nanoparticles using <i>Phoenix dactylifera</i> seed ethanolic extract on 7,12-Dimethylbenz[a]anthracene-induced mammary gland carcinogenesis in Sprague Dawley male rats. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5136.	1.7	35
11	Ethnomedicinal plant extract-assisted green synthesis of iron nanoparticles using <i>Allium saralicum</i> extract, and their antioxidant, cytotoxicity, antibacterial, antifungal and cutaneous wound healing activities. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5247.	1.7	28
12	Biosynthesis of iron nanoparticles using <i>Allium eriophyllum</i> Boiss extract: Chemical characterization, antioxidant, cytotoxicity, antibacterial, antifungal, and cutaneous wound healing effects. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5304.	1.7	13
13	Green formulation and chemical characterization of <i>Lens culinaris</i> seed aqueous extract conjugated gold nanoparticles for the treatment of acute myeloid leukemia in comparison to mitoxantrone in a leukemic mouse model. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5369.	1.7	6
14	CuCl ₂ anchored on polydopamine coated-magnetic nanoparticles (Fe ₃ O ₄ @PDA/Cu(II)): Preparation, characterization and evaluation of its cytotoxicity, antioxidant, antibacterial, and antifungal properties. <i>Polyhedron</i> , 2020, 177, 114327.	1.0	21
15	Preparation and synthesis a new chemotherapeutic drug of silver nanoparticle-chitosan composite; Chemical characterization and analysis of their antioxidant, cytotoxicity, and anti-acute myeloid leukemia effects in comparison to Daunorubicin in a leukemic mouse model. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5274.	1.7	23
16	Biosynthesis and chemical characterization of polydopamine-capped silver nanoparticles for the treatment of acute myeloid leukemia in comparison to doxorubicin in a leukemic mouse model. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5277.	1.7	26
17	Preparation, formulation, and chemical characterization of silver nanoparticles using <i>Melissa officinalis</i> leaf aqueous extract for the treatment of acute myeloid leukemia <i>in vitro</i> and <i>in vivo</i> conditions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5378.	1.7	20
18	Green synthesis and chemical characterization of <i>Thymus vulgaris</i> leaf aqueous extract conjugated gold nanoparticles for the treatment of acute myeloid leukemia in comparison to doxorubicin in a leukemic mouse model. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5267.	1.7	25

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19	Immobilized Ag NPs on chitosan-biguanidine coated magnetic nanoparticles for synthesis of propargylamines and treatment of human lung cancer. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 767-775.	3.6	42
20	Antioxidant, cytotoxicity, anti-human esophageal squamous cell carcinoma, anti-human Caucasian esophageal carcinoma, anti-adenocarcinoma of the gastroesophageal junction, and anti-distal esophageal adenocarcinoma properties of gold nanoparticles green synthesized by <i>Rhus coriaria</i> L. fruit aqueous extract. <i>Journal of Experimental Nanoscience</i> , 2020, 15, 202-216.	1.3	9
21	Chemical characterization and neuroprotective properties of copper nanoparticles green-synthesized by <i>Nigella sativa</i> L. seed aqueous extract against methadone-induced cell death in adrenal pheochromocytoma (PC12) cell line. <i>Journal of Experimental Nanoscience</i> , 2020, 15, 280-296.	1.3	11
22	Synthesis, characterization, and evaluation of cytotoxicity, antioxidant, antifungal, antibacterial, and cutaneous wound healing effects of copper nanoparticles using the aqueous extract of Strawberry fruit and l-Ascorbic acid. <i>Polyhedron</i> , 2020, 180, 114425.	1.0	44
23	Synthesis, bioactivity and binding energy calculations of novel 3-ethoxysalicylaldehyde based thiosemicarbazone derivatives. <i>Bioorganic Chemistry</i> , 2020, 100, 103924.	2.0	27
24	Biosynthesis of zinc nanoparticles using <i>Allium saralicum</i> R.M. Fritsch leaf extract; Chemical characterization and analysis of their cytotoxicity, antioxidant, antibacterial, antifungal, and cutaneous wound healing properties. <i>Applied Organometallic Chemistry</i> , 2020, , e5564.	1.7	0
25	Chemical characterization and anti-hemolytic anemia potentials of tin nanoparticles synthesized by a green approach for bioremediation applications. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5433.	1.7	10
26	Suppressor capacity of iron nanoparticles biosynthesized using <i>Salvia chloroleuca</i> leaf aqueous extract on methadone-induced cell death in PC12: Formulation a new drug from relationship between the nanobiotechnology and neurology sciences. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5355.	1.7	2
27	Green synthesis and chemical characterization of gold nanoparticle synthesized using <i>Camellia sinensis</i> leaf aqueous extract for the treatment of acute myeloid leukemia in comparison to daunorubicin in a leukemic mouse model. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5290.	1.7	46
28	Application of titanium nanoparticles containing natural compounds in cutaneous wound healing. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5480.	1.7	11
29	Chemical characterization and therapeutic properties of <i>Achillea biebersteinii</i> leaf aqueous extract synthesized copper nanoparticles against methamphetamine-induced cell death in PC12: A study in the nanotechnology and neurology fields. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5488.	1.7	9
30	Green synthesis of silver nanoparticles from aqueous extract of <i>Ziziphora clinopodioides</i> Lam and evaluation of their bioactivities under in vitro and in vivo conditions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5358.	1.7	8
31	Application of copper nanoparticles containing natural compounds in the treatment of bacterial and fungal diseases. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5465.	1.7	21
32	Effect of gold nanoparticles synthesized using the aqueous extract of <i>Satureja hortensis</i> leaf on enhancing the shelf life and removing <i>Escherichia coli</i> O157:H7 and <i>Listeria monocytogenes</i> in minced camel's meat: The role of nanotechnology in the food industry. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5492.	1.7	20
33	Decoration of silver nanoparticles on multi-walled carbon nanotubes: Investigation of its anti-acute leukemia property against acute myeloid leukemia and acute T cell leukemia. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5476.	1.7	16
34	Characterization and anti-acute T cell leukemia properties of silver nanoparticles synthesized by a green approach for bioremediation applications: Introducing a new chemotherapeutic drug for clinical trial studies. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5374.	1.7	10
35	<i>Ziziphora clinopodioides</i> Lam leaves aqueous extract mediated synthesis of zinc nanoparticles and their antibacterial, antifungal, cytotoxicity, antioxidant, and cutaneous wound healing properties under in vitro and in vivo conditions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5164.	1.7	113
36	Pharmacological, biochemical, and histopathological evaluations of cutaneous wound healing property of <i>Mentha piperita</i> aqueous extract ointment. <i>Comparative Clinical Pathology</i> , 2019, 28, 1181-1190.	0.3	1

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37	Therapeutic effects of Glycyrrhiza glabra aqueous extract ointment on cutaneous wound healing in Sprague Dawley male rats. Comparative Clinical Pathology, 2019, 28, 1507-1514.	0.3	14
38	Novel synthesis of Falcaria vulgaris leaf extract conjugated copper nanoparticles with potent cytotoxicity, antioxidant, antifungal, antibacterial, and cutaneous wound healing activities under in vitro and in vivo condition. Journal of Photochemistry and Photobiology B: Biology, 2019, 197, 111556.	1.7	110
39	Green synthesis of silver nanoparticles using aqueous extract of <i>Stachys lavandulifolia</i> flower, and their cytotoxicity, antioxidant, antibacterial and cutaneous wound healing properties. Applied Organometallic Chemistry, 2019, 33, e5016.	1.7	48
40	Experimental study on Wistar rats: the Allium eriophyllum Boiss aqueous extract ointment effectively treat induced cutaneous wound. Comparative Clinical Pathology, 2019, 28, 1431-1438.	0.3	2
41	Biochemical, histopathological, and pharmacological evaluations of cutaneous wound healing properties of Quercus brantii ethanolic extract ointment in male rats. Comparative Clinical Pathology, 2019, 28, 1483-1493.	0.3	24
42	Healing and cytotoxicity potentials of ointment containing aqueous extract of Anethum graveolens on cutaneous wounds in male rats. Comparative Clinical Pathology, 2019, 28, 1471-1481.	0.3	2
43	Preparation, characterization, and evaluation of cytotoxicity, antioxidant, cutaneous wound healing, antibacterial, and antifungal effects of gold nanoparticles using the aqueous extract of <i>Falcaria vulgaris</i> leaves. Applied Organometallic Chemistry, 2019, 33, e5216.	1.7	46
44	Green synthesis and chemical characterization of copper nanoparticles using <i>Allium saralicum</i> leaves and assessment of their cytotoxicity, antioxidant, antimicrobial, and cutaneous wound healing properties. Applied Organometallic Chemistry, 2019, 33, e5234.	1.7	80
45	Wound healing activity of <i>Pimpinella anisum</i> methanolic extract in streptozotocin-induced diabetic rats. Journal of Wound Care, 2019, 28, S26-S36.	0.5	11
46	Synthesis of titanium nanoparticles using <i>Allium eriophyllum</i> Boiss aqueous extract by green synthesis method and evaluation of their remedial properties. Applied Organometallic Chemistry, 2019, 33, e5191.	1.7	31
47	Biosynthesis of gold nanoparticles using <i>Allium noeanum</i> Reut. ex Regel leaves aqueous extract; characterization and analysis of their cytotoxicity, antioxidant, and antibacterial properties. Applied Organometallic Chemistry, 2019, 33, e5189.	1.7	47
48	Evaluation of cutaneous wound healing activity of Ocimum basilicum aqueous extract ointment in rats. Comparative Clinical Pathology, 2019, 28, 1447-1454.	0.3	7
49	Chemical characterization and antioxidant, cytotoxic, antibacterial, and antifungal properties of ethanolic extract of Allium Saralicum R.M. Fritsch leaves rich in linolenic acid, methyl ester. Journal of Photochemistry and Photobiology B: Biology, 2019, 192, 103-112.	1.7	154
50	Pharmacological, histopathological, and biochemical assessments of cutaneous wound healing potential of Tragopogon graminifolius aqueous extract ointment in rats. Comparative Clinical Pathology, 2019, 28, 1439-1446.	0.3	1
51	Antioxidant, cytotoxic, and wound healing effects of Allium saralicum R.M. Fritsch aqueous extract ointment in male rats: a gross, histological, and biochemical experiment. Comparative Clinical Pathology, 2019, 28, 1421-1429.	0.3	1
52	Preparation, characterization, and assessment of cytotoxicity, antioxidant, antibacterial, antifungal, and cutaneous wound healing properties of titanium nanoparticles using aqueous extract of <i>Ziziphora clinopodioides</i> Lam leaves. Applied Organometallic Chemistry, 2019, 33, e5009.	1.7	64
53	<i>In vitro</i> and <i>in vivo</i> evaluation of cytotoxicity, antioxidant, antibacterial, antifungal, and cutaneous wound healing properties of gold nanoparticles produced via a green chemistry synthesis using <i>Gundelia tournefortii</i> L. as a capping and reducing agent. Applied Organometallic Chemistry, 2019, 33, e5015.	1.7	92
54	Green synthesis and chemical characterization of silver nanoparticles obtained using <i>Allium saralicum</i> aqueous extract and survey of <i>in vitro</i> antioxidant, cytotoxic, antibacterial and antifungal properties. Applied Organometallic Chemistry, 2019, 33, e4961.	1.7	85

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55	Hepatoprotective and cytotoxicity properties of aqueous extract of <i>Glycyrrhiza glabra</i> in Wistar rats fed with high-fat diet. <i>Comparative Clinical Pathology</i> , 2019, 28, 1305-1312.	0.3	8
56	The aqueous extract of <i>Allium saralicum</i> R.M. Fritsch effectively treat induced anemia: experimental study on Wistar rats. <i>Oriental Pharmacy and Experimental Medicine</i> , 2019, 19, 403-413.	1.2	46
57	<i>Falcaria vulgaris</i> leaf aqueous extract mediated synthesis of iron nanoparticles and their therapeutic potentials under <i>in vitro</i> and <i>in vivo</i> condition. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5246.	1.7	56
58	The therapeutic potential of aqueous extract of <i>Falcaria vulgaris</i> in the treatment of fatty liver disease: a histopathological and biochemical approach. <i>Comparative Clinical Pathology</i> , 2019, 28, 955-961.	0.3	6
59	Assessment of the anti-anemic effect of aqueous extract of <i>Allium eriophyllum</i> Boiss leaf in phenylhydrazine-treated Wistar male rats. <i>Comparative Clinical Pathology</i> , 2019, 28, 427-434.	0.3	7
60	Hepatoprotective potential of aqueous extract of <i>Allium eriophyllum</i> Boiss in high-fat diet-induced fatty liver diseases. <i>Comparative Clinical Pathology</i> , 2019, 28, 963-969.	0.3	9
61	Assessment of antioxidant and cutaneous wound healing effects of <i>Falcaria vulgaris</i> aqueous extract in Wistar male rats. <i>Comparative Clinical Pathology</i> , 2019, 28, 435-445.	0.3	57
62	Antiulcer activity of aqueous extract of leaves of <i>Mentha piperita</i> in Wistar rats. <i>Comparative Clinical Pathology</i> , 2019, 28, 411-418.	0.3	7
63	Histopathological and biochemical effects of aqueous extract of <i>Tragopogon graminifolius</i> on the liver tissues of Wistar rats fed with high-fat diet. <i>Comparative Clinical Pathology</i> , 2019, 28, 1197-1203.	0.3	8
64	The aqueous extract of <i>Glycyrrhiza glabra</i> effectively prevents induced gastroduodenal ulcers: experimental study on Wistar rats. <i>Comparative Clinical Pathology</i> , 2019, 28, 339-347.	0.3	4
65	Green synthesis and characterization of silver nanoparticles using <i>Fritillaria</i> flower extract and their antibacterial activity against some human pathogens. <i>Polyhedron</i> , 2019, 158, 8-14.	1.0	232
66	Effect of aqueous extract of <i>Allium saralicum</i> R.M. Fritsch on fatty liver induced by high-fat diet in Wistar rats. <i>Comparative Clinical Pathology</i> , 2019, 28, 1205-1211.	0.3	44
67	Pharmacological evaluation of anti-anemic property of aqueous extracts of <i>Falcaria vulgaris</i> leaf in rats. <i>Comparative Clinical Pathology</i> , 2019, 28, 1221-1227.	0.3	10
68	Protection of phenylhydrazine-induced hematotoxicity by aqueous extract of <i>Ocimum basilicum</i> in Wistar male rats. <i>Comparative Clinical Pathology</i> , 2019, 28, 331-338.	0.3	16
69	Amelioration of renal structural changes in STZ-induced diabetic mice with ethanolic extract of <i>Allium saralicum</i> R.M. Fritsch. <i>Comparative Clinical Pathology</i> , 2018, 27, 861-867.	0.3	60
70	Nephroprotective activity of <i>Alyssum meniocoides</i> Boiss aqueous extract on streptozotocin-induced diabetic nephrotoxicity in male mice. <i>Comparative Clinical Pathology</i> , 2018, 27, 1147-1154.	0.3	10
71	Chemical Characterization and Antibacterial Activity of the Essential Oil of <i>Coriandrum sativum</i> Leaves in the West of Iran (Kermanshah). <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2018, 21, 1349-1358.	0.7	7
72	Chemical Composition and Antibacterial Effects of Essential Oil of <i>Rhus coriaria</i> Fruits in the West of Iran (Kermanshah). <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2018, 21, 493-501.	0.7	63

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73	Hepatoprotective and hematoprotective effects of <i>Falcaria vulgaris</i> aqueous extract against CCl ₄ -induced hepatic injury in mice. <i>Comparative Clinical Pathology</i> , 2018, 27, 1359-1365.	0.3	21
74	A comparative study of hepatoprotective effect of <i>Inula britannica</i> L aqueous extract and glibenclamide in streptozotocin-induced diabetic mice. <i>Comparative Clinical Pathology</i> , 2018, 27, 1649-1657.	0.3	6
75	Stereological Assessment of Nephroprotective Effects of <i>Trachyspermum ammi</i> Essential Oil against Carbon Tetrachloride-Induced Nephrotoxicity in Mice. <i>International Journal of Morphology</i> , 2018, 36, 750-757.	0.1	20
76	Evaluation of the nephroprotective effect of <i>Glycyrrhiza glabra</i> L aqueous extract on CCl ₄ -induced nephrotoxicity in mice. <i>Comparative Clinical Pathology</i> , 2018, 27, 1119-1126.	0.3	19
77	Evaluation of hematoprotective and hepatoprotective properties of aqueous extract of <i>Ceterach officinarum</i> DC against streptozotocin-induced hepatic injury in male mice. <i>Comparative Clinical Pathology</i> , 2018, 27, 1427-1436.	0.3	6
78	Preclinical evaluation of hematoprotective and nephroprotective activities of <i>Bellis perennis</i> L aqueous extract on CCl ₄ -induced renal injury in mice. <i>Comparative Clinical Pathology</i> , 2018, 27, 1557-1566.	0.3	7
79	Protection of CCl ₄ -induced hepatotoxicity by <i>Trachyspermum ammi</i> essential oil in mice. <i>Comparative Clinical Pathology</i> , 2018, 27, 1367-1374.	0.3	4
80	Antidiabetic, hematoprotective and nephroprotective effects of the aqueous extract of <i>Falcaria vulgaris</i> in diabetic male mice. <i>Archives of Biological Sciences</i> , 2018, 70, 655-664.	0.2	62
81	Stereological study of kidney in streptozotocin-induced diabetic mice treated with ethanolic extract of <i>Stevia rebaudiana</i> (bitter fraction). <i>Comparative Clinical Pathology</i> , 2017, 26, 455-463.	0.3	90
82	Wound Healing Potential of Methanolic Extract of <i>Scrophularia striata</i> in Rats. <i>Pharmaceutical Sciences</i> , 2017, 23, 256-263.	0.1	86
83	Ameliorative effects of the ethanolic extract of <i>Allium saralicum</i> R.M. Fritsch on CCl ₄ -induced nephrotoxicity in mice: A stereological examination. <i>Archives of Biological Sciences</i> , 2017, 69, 535-543.	0.2	83
84	Medicinal Plants: Antibacterial Effects and Chemical Composition of Essential Oil of <i>Foeniculum vulgare</i> . <i>International Journal of Current Pharmaceutical Review and Research</i> , 2017, 8, .	0.1	5
85	Chemical composition and screening of antibacterial activity of essential oil of <i>Pistacia khinjuk</i> against two selected pathogenic bacteria. <i>Annals of Tropical Medicine and Public Health</i> , 2017, 10, 1159.	0.1	8