

Layasadat Khorsandi

List of Publications by Year in descending order

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113
papers

2,127
citations

236925

25
h-index

315739

38
g-index

116
all docs

116
docs citations

116
times ranked

3063
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetic nephropathy induced by methylglyoxal: gallic acid regulates kidney microRNAs and glyoxalase1â€Nrf2 in male mice. Archives of Physiology and Biochemistry, 2023, 129, 655-662.	2.1	11
2	Naringenin: a potential natural remedy against methotrexate-induced hepatotoxicity in rats. Drug and Chemical Toxicology, 2022, 45, 491-498.	2.3	19
3	Swimming training combined with chitosan supplementation reduces the development of obesity and oxidative stress in high-fat diet-fed mice. British Journal of Nutrition, 2022, 127, 837-846.	2.3	2
4	CpG Island Methylation of the Rap1Gap Gene in Medullary Thyroid Cancer. Archives of Iranian Medicine, 2022, 25, 171-177.	0.6	1
5	Quercetin ameliorates cytotoxic effects of zinc oxide nanoparticles on sertoli cells by enhancing autophagy and suppressing oxidative stress. Andrologia, 2021, 53, e13988.	2.1	6
6	Comparing Oxidative Stress Status Among Iranian Males and Females with Malignant and Non-malignant Thyroid Nodules. International Journal of Endocrinology and Metabolism, 2021, 19, e105669.	1.0	3
7	Protective effects of selenium on Bisphenol A-induced oxidative stress in mouse testicular mitochondria and sperm motility. Jornal Brasileiro De Reproducao Assistida, 2021, 25, 459-465.	0.7	4
8	Sesamin alleviates diabetes-associated behavioral deficits in rats: The role of inflammatory and neurotrophic factors. International Immunopharmacology, 2021, 92, 107356.	3.8	10
9	Taurine attenuates valproic acid-induced hepatotoxicity via modulation of RIPK1/RIPK3/MLKL-mediated necroptosis signaling in mice. Molecular Biology Reports, 2021, 48, 4153-4162.	2.3	7
10	Taurine ameliorates cytotoxic effects of Di(2â€ethylhexyl) phthalate on Leydig cells. Andrologia, 2021, 53, e14146.	2.1	4
11	Effects of crocin and metformin on methylglyoxal-induced reproductive system dysfunction in diabetic male mice. Clinical and Experimental Reproductive Medicine, 2021, 48, 221-228.	1.5	2
12	The effects of gallic acid and metformin on male reproductive dysfunction in diabetic mice induced by methylglyoxal: An experimental study. International Journal of Reproductive BioMedicine, 2021, 19, 715-724.	0.9	3
13	Dimethyl fumarate reduces oxidative stress, inflammation and fat deposition by modulation of Nrf2, SREBP-1c and NF-Î²B signaling in HFD fed mice. Life Sciences, 2021, 283, 119852.	4.3	23
14	The effects of ozone and melatonin on busulfan-induced testicular damage in mice. Jornal Brasileiro De Reproducao Assistida, 2021, 25, 176-184.	0.7	11
15	Gallic acid treats dust-induced NAFLD in rats by improving the liver's anti-oxidant capacity and inhibiting ROS/NFÎ²/TNFÎ± inflammatory pathway. Iranian Journal of Basic Medical Sciences, 2021, 24, 240-247.	1.0	1
16	Liver histopathological alteration and dysfunction after bisphenol A administration in male rats and protective effects of naringin. Avicenna Journal of Phytomedicine, 2021, 11, 394-406.	0.2	1
17	D-Galaktoz ile Ä°ndÄ¼klenen Farelerde YaÄŸlanma Modelinin Nefropatisi Ä°çzerine Mirisitrin ve Vitamin Eâ€™nin Koruyucu Etkileri. Duzce Universitesi Tıp FakÄ¼ltesi Dergisi, 2021, 23, 270-275.	0.7	2
18	<i>RAP1GAP</i> Functions as a Tumor Suppressor Gene<i> and Is Regulated by DNA Methylation in Differentiated Thyroid Cancer. Cytogenetic and Genome Research, 2021, 161, 227-235.	1.1	4

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19	Gallic acid protects the liver against NAFLD induced by dust exposure and high-fat diet through inhibiting oxidative stress and repressing the inflammatory signaling pathways NF- κ B/TNF- α /IL-6 in Wistar rats. <i>Avicenna Journal of Phytomedicine</i> , 2021, 11, 527-540.	0.2	3
20	Autophagy Involves in Differentiation of Insulin-Secreting Cells from Adipose Derived Stem Cells.. <i>Cell Journal</i> , 2021, 23, 619-625.	0.2	0
21	Protective effect of naringin against BPA-induced cardiotoxicity through prevention of oxidative stress in male Wistar rats. <i>Drug and Chemical Toxicology</i> , 2020, 43, 85-95.	2.3	41
22	Zinc oxide nanoparticles induce necroptosis and inhibit autophagy in MCF-7 human breast cancer cells. <i>Biologia (Poland)</i> , 2020, 75, 161-174.	1.5	16
23	Myricetin Loaded Solid Lipid Nanoparticles Upregulate MLKL and RIPK3 in Human Lung Adenocarcinoma. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 899-910.	1.9	18
24	Protective effects of Chrysin against memory impairment, cerebral hyperemia and oxidative stress after cerebral hypoperfusion and reperfusion in rats. <i>Metabolic Brain Disease</i> , 2020, 35, 401-412.	2.9	24
25	Protective effect of gallic acid and gallic acid-loaded Eudragit-RS 100 nanoparticles on cisplatin-induced mitochondrial dysfunction and inflammation in rat kidney. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165911.	3.8	41
26	Zingerone ameliorates gentamicin-induced nephrotoxicity in rats. <i>Comparative Clinical Pathology</i> , 2020, 29, 971-980.	0.7	10
27	Chemotherapy Drugs Based on Solid Lipid Nanoparticles for Breast Cancer Treatment. <i>Medicina (Lithuania)</i> , 2020, 56, 694.	2.0	5
28	Gene expression in human liver fibrosis associated with <i>Echinococcus granulosus sensu lato</i> . <i>Parasitology Research</i> , 2020, 119, 2177-2187.	1.6	8
29	<p>Alleviation of Liver Dysfunction, Oxidative Stress and Inflammation Underlies the Protective Effect of Ferulic Acid in Methotrexate-Induced Hepatotoxicity</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1933-1941.	4.3	40
30	Zinc oxide nanoparticles enhance expression of maspin in human breast cancer cells. <i>Environmental Science and Pollution Research</i> , 2020, 27, 38300-38310.	5.3	14
31	Metformin loaded cholesterol-lysine conjugate nanoparticles: A novel approach for protecting HDFs against UVB-induced senescence. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119603.	5.2	10
32	Chrysin attenuates traumatic brain injury-induced recognition memory decline, and anxiety/depression-like behaviors in rats: Insights into underlying mechanisms. <i>Psychopharmacology</i> , 2020, 237, 1607-1619.	3.1	24
33	Upregulation of Nrf2-related cytoprotective genes expression by acetaminophen-induced acute hepatotoxicity in mice and the protective role of betaine. <i>Human and Experimental Toxicology</i> , 2020, 39, 948-959.	2.2	15
34	Effects of Silymarin-Loaded Polylactic-co-Glycolic Acid Nanoparticles on Osteoarthritis in Rats. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 605-614.	1.5	6
35	Taurine induces autophagy and inhibits oxidative stress in mice Leydig cells. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2020, 24, 250-256.	0.7	10
36	Taurine effects on Bisphenol A-induced oxidative stress in the mouse testicular mitochondria and sperm motility. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2020, 24, 428-435.	0.7	19

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37	The effect of glycyrrhizin acid on and expression in hepatotoxicity induced by Titanium dioxide nanoparticles in rats. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2020, 13, 168-176.	0.6	0
38	The antidiabetic and hepatoprotective effects of myricitrin on aged mice with D-galactose. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2020, 13, 247-253.	0.6	0
39	The effect of triiodothyronine on the hippocampal long-term potentiation in an animal model of the Alzheimer's disease: The role of BDNF and reelin. <i>Neurology Psychiatry and Brain Research</i> , 2019, 33, 82-88.	2.0	5
40	Hyperglycemia-induced oxidative stress in isolated proximal tubules of mouse: the in vitro effects of myricitrin and its solid lipid nanoparticle. <i>Archives of Physiology and Biochemistry</i> , 2019, 127, 1-7.	2.1	11
41	Microarray analysis of apoptosis gene expression in liver injury induced by chronic exposure to arsenic and high-fat diet in male mice. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26351-26366.	5.3	5
42	Protective effect of Zingerone against mouse testicular damage induced by zinc oxide nanoparticles. <i>Environmental Science and Pollution Research</i> , 2019, 26, 25814-25824.	5.3	14
43	Sesamin: A promising protective agent against diabetes-associated cognitive decline in rats. <i>Life Sciences</i> , 2019, 230, 169-177.	4.3	32
44	Effects of Quercetin-Loaded Nanoparticles on MCF-7 Human Breast Cancer Cells. <i>Medicina (Lithuania)</i> , 2019, 55, 114.	2.0	76
45	Crocic ameliorates methotrexate-induced liver injury via inhibition of oxidative stress and inflammation in rats. <i>Pharmacological Reports</i> , 2019, 71, 746-752.	3.3	46
46	Chrysin prevents cognitive and hippocampal long-term potentiation deficits and inflammation in rat with cerebral hypoperfusion and reperfusion injury. <i>Life Sciences</i> , 2019, 226, 202-209.	4.3	38
47	Curcumin attenuates nephrotoxicity induced by zinc oxide nanoparticles in rats. <i>Environmental Science and Pollution Research</i> , 2019, 26, 179-187.	5.3	10
48	Antioxidant, anti-apoptotic, and protective effects of myricitrin and its solid lipid nanoparticle on streptozotocin-nicotinamide-induced diabetic nephropathy in type 2 diabetic male mice. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 1424-1431.	1.0	14
49	Efficiency of naringin against reproductive toxicity and testicular damages induced by bisphenol A in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 315-523.	1.0	20
50	Vildagliptin Enhances Differentiation of Insulin Producing Cells from Adipose-Derived Mesenchymal Stem Cells. <i>Cell Journal</i> , 2019, 20, 477-482.	0.2	5
51	Protective effects of Curcumin on testicular toxicity induced by titanium dioxide nanoparticles in mice. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2019, 23, 344-351.	0.7	14
52	The effects of myricitrin and vitamin E against reproductive changes induced by D-galactose as an aging model in female mice: An experimental study. <i>International Journal of Reproductive BioMedicine</i> , 2019, 17, 789-798.	0.9	6
53	Toxic Effects of Chronic Exposure to High-Fat Diet and Arsenic on the Reproductive System of the Male Mouse. <i>Journal of Family & Reproductive Health</i> , 2019, 13, 181-190.	0.4	1
54	Antioxidant effect of myricitrin on hyperglycemia-induced oxidative stress in C2C12 cell. <i>Cell Stress and Chaperones</i> , 2018, 23, 773-781.	2.9	28

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55	Vanillic acid attenuates cerebral hyperemia, blood-brain barrier disruption and anxiety-like behaviors in rats following transient bilateral common carotid occlusion and reperfusion. <i>Metabolic Brain Disease</i> , 2018, 33, 785-793.	2.9	35
56	The regulation of pituitary-thyroid abnormalities by peripheral administration of levothyroxine increased brain-derived neurotrophic factor and reelin protein expression in an animal model of Alzheimer's disease. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 275-280.	1.4	13
57	Effects of Silymarin-Loaded Nanoparticles on HT-29 Human Colon Cancer Cells. <i>Medicina (Lithuania)</i> , 2018, 54, 1.	2.0	21
58	Dysregulation of Sqstm1, mitophagy, and apoptotic genes in chronic exposure to arsenic and high-fat diet (HFD). <i>Environmental Science and Pollution Research</i> , 2018, 25, 34351-34359.	5.3	9
59	Anti-diabetic effect of betulinic acid on streptozotocin-nicotinamide induced diabetic male mouse model. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	37
60	Betaine protects mice against acetaminophen hepatotoxicity possibly via mitochondrial complex II and glutathione availability. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1436-1445.	5.6	30
61	Protective effects of zingerone on oxidative stress and inflammation in cisplatin-induced rat nephrotoxicity. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 225-232.	5.6	47
62	Solid Lipid Nanoparticles of Myricitrin Have Antioxidant and Antidiabetic Effects on Streptozotocin-Nicotinamide-Induced Diabetic Model and Myotube Cell of Male Mouse. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-18.	4.0	70
63	Effects of Quercetin on Tubular Cell Apoptosis and Kidney Damage in Rats Induced by Titanium Dioxide Nanoparticles. <i>The Malaysian Journal of Medical Sciences</i> , 2018, 25, 72-81.	0.5	17
64	Chronic exposure to arsenic and high fat diet additively induced cardiotoxicity in male mice. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 47.	1.8	23
65	Effect of Hydroalcoholic Extract of Purslane (<i>Portulaca Oleracea L.</i>) on Diabetic Variables in D-Galactose Induced Aging Mouse Model. <i>Acta Endocrinologica</i> , 2018, 14, 24-29.	0.3	7
66	Therapeutic Effect of Gallic Acid Against Paraquat-Induced Lung Injury in Rats. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2018, In Press, .	0.6	1
67	Toxic effect of <i>Tropaeolum majus L.</i> leaves on spermatogenesis in mice. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2018, 22, 174-179.	0.7	3
68	Ameliorating effect of encapsulated hepatocyte-like cells derived from umbilical cord in high mannuronic alginate scaffolds on acute liver failure in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 928-935.	1.0	7
69	Beneficial effects of quercetin on titanium dioxide nanoparticles induced spermatogenesis defects in mice. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5595-5606.	5.3	44
70	Peripheral and central administration of T3 improved the histological changes, memory and the dentate gyrus electrophysiological activity in an animal model of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2017, 32, 693-701.	2.9	17
71	Silymarin induces a multi-targeted cell death process in the human colon cancer cell line HT-29. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 890-897.	5.6	17
72	Vanillic acid attenuates effects of transient bilateral common carotid occlusion and reperfusion in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 667-674.	5.6	32

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73	Quercetin induces apoptosis and necroptosis in MCF-7 breast cancer cells. Bratislava Medical Journal, 2017, 118, 123-128.	0.8	74
74	Safety Assessment of a New Pigmented Safflower Seed Coat (A82) by a Feeding Study on Rat. Brazilian Archives of Biology and Technology, 2017, 60, .	0.5	1
75	Morphometric and stereological assessment of the effects of titanium dioxide nanoparticles on the mouse testicular tissue. Bratislava Medical Journal, 2017, 117, 659-664.	0.8	11
76	Sodium hydrogen sulfide (NaHS) ameliorates alterations caused by cisplatin in filtration slit diaphragm and podocyte cytoskeletal in rat kidney. Journal of Nephropathology, 2017, 6, 150-156.	0.2	20
77	Pancreatic protective and hypoglycemic effects of Vitex agnus-castus L. fruit hydroalcoholic extract in D-galactose-induced aging mouse model. Research in Pharmaceutical Sciences, 2017, 12, 137.	1.8	14
78	Curcumin-loaded poly lactic-co-glycolic acid nanoparticles effects on mono-iodoacetate -induced osteoarthritis in rats. Veterinary Research Forum, 2017, 8, 155-161.	0.3	16
79	Anticancer Activity of Curcumin-Loaded PLGA Nanoparticles on PC3 Prostate Cancer Cells. Iranian Journal of Pharmaceutical Research, 2017, 16, 868-879.	0.5	21
80	Effects of Betulinic Acid on the Male Reproductive System of a Streptozotocin-Nicotinamide-Induced Diabetic Mouse Model. World Journal of Men's Health, 2016, 34, 209.	3.3	12
81	Central and peripheral administrations of levothyroxine improved memory performance and amplified brain electrical activity in the rat model of Alzheimer's disease. Neuropeptides, 2016, 59, 111-116.	2.2	17
82	Tuning of Elastic Properties of Nanotubes by Imposing a Transverse Electric Field: Computational Approach. Journal of Physical Chemistry C, 2016, 120, 17801-17809.	3.1	5
83	Preventive effects of betulinic acid on streptozotocinnicotinamide induced diabetic nephropathy in male mouse. Journal of Nephropathology, 2016, 5, 128-133.	0.2	24
84	Effects of Exendin-4 on The Differentiation of Insulin Producing Cells from Rat Adipose-Derived Mesenchymal Stem Cells. Cell Journal, 2016, 17, 720-9.	0.2	12
85	Characterization of A Three-Dimensional Organotypic Co-Culture Skin Model for Epidermal Differentiation of Rat Adipose-Derived Stem Cells. Cell Journal, 2016, 18, 289-301.	0.2	8
86	Curcumin Attenuates Hepatotoxicity Induced by Zinc Oxide Nanoparticles in Rats. Balkan Medical Journal, 2016, 33, 252-257.	0.8	15
87	Effects of hydro-alcoholic extract of fruit on kidney of D-galactose-induced aging model in female mice. Iranian Journal of Veterinary Research, 2016, 17, 203-206.	0.4	3
88	Glycyrrhizic acid attenuated lipid peroxidation induced by titanium dioxide nanoparticles in rat liver. Bratislava Medical Journal, 2015, 116, 383-388.	0.8	11
89	Morphometric and stereological assessment of the effects of zinc oxide nanoparticles on the mouse testicular tissue. Bratislava Medical Journal, 2015, 116, 321-325.	0.8	19
90	Three-dimensional differentiation of bone marrow-derived mesenchymal stem cells into insulin-producing cells. Tissue and Cell, 2015, 47, 66-72.	2.2	38

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91	Computational evidence to design an appropriate candidate for the treatment of Alzheimer's disease through replacement of the heptamethylene linker of bis(7)tacrine with S-allylcysteine. <i>RSC Advances</i> , 2015, 5, 66840-66851.	3.6	3
92	Three-dimensional differentiation of adipose-derived mesenchymal stem cells into insulin-producing cells. <i>Cell and Tissue Research</i> , 2015, 361, 745-753.	2.9	47
93	Protective effect of beta-carotene against titanium dioxide nanoparticles induced apoptosis in mouse testicular tissue. <i>Andrologia</i> , 2015, 47, 816-825.	2.1	10
94	Grape Seed Proanthocyanidin Extract Improved some of Biochemical Parameters and Antioxidant Disturbances of Red Blood Cells in Diabetic Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 329-34.	0.5	21
95	Protective role of grape seed proanthocyanidin antioxidant properties on heart of streptozotocin-induced diabetic rats. <i>Veterinary Research Forum</i> , 2015, 6, 119-24.	0.3	5
96	In Vitro Toxic Effects of Zinc Oxide Nanoparticles on Rat Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Cell Journal</i> , 2015, 17, 412-21.	0.2	17
97	Exendin-4 effects on islet volume and number in the mouse pancreas. <i>Bratislava Medical Journal</i> , 2014, 115, 502-507.	0.8	1
98	Effect of beta-carotene on titanium oxide nanoparticles-induced testicular toxicity in mice. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 561-568.	2.5	44
99	Effect of glycyrrhizic acid on titanium dioxide nanoparticles-induced hepatotoxicity in rats. <i>Chemico-Biological Interactions</i> , 2014, 220, 214-221.	4.0	70
100	Chondrogenic Differentiation of Human Umbilical Cord Blood-Derived Unrestricted Somatic Stem Cells on A 3D Beta-Tricalcium Phosphate-Alginate-Gelatin Scaffold. <i>Cell Journal</i> , 2014, 16, 43-52.	0.2	12
101	The effects of exendine-4 on insulin producing cell differentiation from rat bone marrow-derived mesenchymal stem cells. <i>Cell Journal</i> , 2014, 16, 187-94.	0.2	7
102	Antioxidant effects of proanthocyanidin from grape seed on hepatic tissue injury in diabetic rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2014, 17, 460-4.	1.0	11
103	The effect of zinc oxide nanoparticles on mouse spermatogenesis. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 1203-1209.	2.5	121
104	Effect of curcumin on dexamethasone-induced testicular toxicity in mice. <i>Pharmaceutical Biology</i> , 2013, 51, 206-212.	2.9	48
105	Exendin-4 effects on islet volume and number in mouse pancreas. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 745-752.	1.2	2
106	Immunohistochemical assessment of galectin-3 during pre-implantation in mouse endometrium. <i>Iranian Journal of Reproductive Medicine</i> , 2013, 11, 119-26.	0.8	0
107	Toxic effects of <i>Carthamus tinctorius</i> L. (Safflower) extract on mouse spermatogenesis. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 457-461.	2.5	37
108	Immunolocalization of galectin-3 in mouse testicular tissue. <i>Iranian Journal of Basic Medical Sciences</i> , 2011, 14, 349-53.	1.0	4

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109	Toxic effects of dexamethasone on mouse testicular germ cells. <i>Andrologia</i> , 2010, 42, 247-253.	2.1	52
110	Protective effect of minocycline on dexamethasone induced testicular germ cell apoptosis in mice. <i>European Review for Medical and Pharmacological Sciences</i> , 2009, 13, 1-5.	0.7	78
111	Allium jesdianum Extract Induces Oxidative Stress and Necroptosis in Human Colorectal Cancer (HT-29) Cell Line. <i>Brazilian Archives of Biology and Technology</i> , 0, 64, .	0.5	1
112	Myricetin loaded in solid lipid nanoparticles induces apoptosis in the HT-29 colorectal cancer cells via mitochondrial dysfunction. <i>Molecular Biology Reports</i> , 0, , .	2.3	6
113	Calcium- and Barium-Alginate Effects on Chondrogenic Differentiation of Whartonâ€™s Jelly-Derived Mesenchymal Stem Cells. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 0, , .	1.5	0