

پس از ثبت نام می توانید با نام کاربری و رمز ورود ایجاد شده وارد شوید



Email

*



Password

*



I'm not a robot



reCAPTCHA
Privacy - Terms

Sign in!

OR

Yahoo

Google

Don' have an account? [Register!](#)

در صورتی که قبلا ثبت نام نکرده اید ، جهت ورود به نرم افزار رجیستر شوید

Forgot password? [Reset!](#)



crosscheck.scitech.info

	Email	*
	First Name	*
	Last Name	*
	Password	*
	Re-Password	*

Sign me up!

Forgot Password? [Recovery!](#)

Already Registered? [Login!](#)

تمامی موارد خواسته شده را تکمیل کرده و سپس بر روی دکمه **sign me up** کلیک کنید.
لازم به ذکر است که لینک فعال سازی به ایمیل شما ارسال خواهد شد

✉ info@celljournal.org

🔒 ••••••••

✓ I'm not a robot



Sign in!

OR

Yahoo

Google

Don't have an account? [Register!](#)

Forgot password? [Reset!](#)



Text Submission

File Submission

Unchecked Document

Result

Search Document



برای وارد کردن فایل در این قسمت باید نام فایل و فایل را انتخاب کنید.

title ...

select file...

Select file

File Types Allow To Upload: DOCX,PDF



به نوع فایل دقت کنید

Send

No Sufficient Credit



Your file has been successfully uploaded!

To check your document, you need to top up your account. You may then resubmit your file from Unchecked Document section!

The cost you need **45000** Toman.

Ok

Add Top Up

در صورتی که اکانت شما شارژ نباشد این قسمت نمایش داده می شود. لذا جهت شارژ بر روی **Add Top Up** کلیک کنید

برای باز شدن منو اینجا کلیک کنید

- Profile
- Change password
- Report
- Purchase Top Up**
- Contact Us

File Submission	Unchecked Document	Result
<p>برای شارژ اکانت ترم افزار باید از این طریق وارد شوید</p>		
<p>Select file</p>		<p>Send</p>
<p>Upload: DOCX,PDF</p>		

- Zahra Rostamizadeh
- Profile
- Change password
- Report جهت شارژ اکانت این منو را انتخاب کنید
- Purchase Top Up** ←
- Contact Us

در پنجره باز شده موارد خواسته شده را تکمیل کنید

Amount of credit : 45000 T

Mobile : 0912

Description : pay...

pay

The Amount of credit is mandatory.



وارد کردن مبلغ درخواستی به تومان

وارد کردن شماره موبایل

وارد کردن توضیحات به عنوان مثال پلیجرسم

بر روی این لینک کلیک کنید تا به درگاه پرداخت اینترنتی وصل شوید



Text Submission

File Submission

Unchecked Document

Result

Search Document



جهت مشاهده نتیجه باید بر روی این تب کلیک کنید تا لیست تمامی نتایج نمایش داده می شود

title ...

text ...

Send

word: 0

articles: 0

Similarity Result

Search:

row	title	date	result
1	99.11.11 Ms.Sanei	1399/11/11	<u>20 %</u>
2	Dr. tanhaee 99.9.30	1399/09/29	19 %
3	ghorbaninejad.suppl	1399/09/17	23 %
4	ghorbaninejad	1399/09/16	10 %
5	dr.eslami	1399/09/08	18 %
6	tanhaee 99.6.24	1399/06/24	18 %
7	naderi.99.6.19	1399/06/19	18 %
8	tanhaei 99.6.17	1399/06/17	31 %
9	Tanhaee	1399/06/05	34 %
10	naderi, 99.5.22	1399/05/22	32 %

Similarity Result

 Search:

row	title	date	result
1	1. بر روی عدد درصد کلیک کنید تا نتیجه نمایش داده شود 99.11.11 Ms.Sanei	1399/11/11	<u>20 %</u>
2	<div style="background-color: #333; color: white; padding: 10px;"> <p>Success</p> <p>Please click on the links below.</p> <div style="display: flex; align-items: center;"> <div style="background-color: #4CAF50; color: white; padding: 5px 15px; margin-right: 10px;">Result</div> <div style="color: red; font-size: 2em; margin-right: 10px;">←</div> <div style="color: red;"> <p>2. جهت مشاهده نتیجه نهایی بر روی دکمه کلیک کنید</p> </div> </div> </div>		
3			
4			
5			
6			
7			
8			
9			
10	naderi, 99.5.22	1399/05/22	32 %

Match Overview

1	Crossref 159 words "Ferroptosis in Health and Disease", Springer Science and Business Media LLC, 2019	4%
2	Internet 94 words crawled on 28-Oct-2020 www.nature.com	2%
3	Crossref 74 words Studies on Men's Health and Fertility, 2012.	2%
4	Crossref 35 words Zhanhui Ou, Qirong Wen, Yu Deng, Yang Yu, Zhiheng Chen, Ling Sun. "Cigarette smoking is associated with high ..."	1%
5	Internet 35 words crawled on 04-Jul-2020 www.hindawi.com	1%
6	Internet 32 words crawled on 15-Jul-2020 www.frontiersin.org	1%
7	Internet 31 words crawled on 14-Apr-2020 www.mdpi.com	1%
8	Crossref 25 words L Magtanong, P J Ko, S J Dixon. "Emerging roles for lipid ... in non-apoptotic cell death", Cell Death & Differentiation, 2	1%

1 **Oxidative stress-related cell death in male infertility: a focus on**
2 **ferroptosis**

3 Running title: Cell death in varicocele-related male infertility

4 **Abstract**

5 Oxidative stress is frequently encountered in spermatozoa of infertile men and speculated as one
6 of the major etiology of male infertility. Elevation of reactive oxygen species (ROS) lead to
7 impaired spermatogenesis through induction of caspase activation and the generation of free
8 radicals by the mitochondria which results in DNA damage and apoptotic cell death.
9 Additionally, recent evidences indicated that oxidative stress lead to a novel iron-regulated,
10 caspase independent cell death pathway termed ferroptosis. Ferroptosis is mainly triggered
11 through inactivation of glutathione peroxidase 4 (GPX4) antioxidant enzyme and system Xc⁻
12 function that results in iron-dependent lipid peroxidation. Here, we review types of programmed
13 cell death that are related to oxidative stress in spermatozoa and their relationship to male
14 infertility with a focus on ferroptotic cell death.

15
16 Keywords: ferroptosis, apoptosis, autophagy, oxidative stress, male infertility

17 **Introduction**

18 Infertility is a global reproductive health problem and defines as failure of conception after one
19 year of unprotected sexual intercourse, affecting 13–15% of couples in the world (Jarow et al.,
20 2002). Male factors infertility is considered to be responsible in approximately half of infertility
21 cases. The main mediators of male infertility are deemed to be genetic abnormalities,
22 physiopathologic aberrations, varicocele, drugs and environmental factors, aging and even

23 ... of female laborers (Shukla et al., 2012)