



### Published Articles During 2021 (1<sup>st</sup> January-30<sup>th</sup> December)

DOI	Affiliation		Q1,Q2, Q3,Q4	Name of Journal- Impact Factor	Year	Title	Number of publicat ions	Gender	Position	Name	
	Coll of Sci	BASR C									
<a href="https://doi.org/10.1002/vms3.389">https://doi.org/10.1002/vms3.389</a>	✓	✓	Q2	Veterinary medicine and science Impact factor: 0.954	2021	Musa paradisiaca L. leaf and fruit peel hydroethanolic extracts improved the lipid profile, glycemic index and oxidative stress in nicotinamide/streptozotocin-induced diabetic rats	1	male	Professor of biochemistry	Kamal Adel Amin Hessah Al mazafer	1
<a href="https://doi.org/10.1590/1414-431X2020e10782">https://doi.org/10.1590/1414-431X2020e10782</a>	✓	✓	Q2	Brazilian Journal Medical and Biological Research Impact factor: 2.59	24 May 2021	The role of pioglitazone in antioxidant, anti-inflammatory, and insulin sensitivity in a high fat-carbohydrate diet-induced rat model of insulin resistance	1	male	Professor of biochemistry	Kamal Adel Amin, fawzial Alshehri, Hessah Al mazafer	2
<a href="https://doi.org/10.1186/s13287-021-02365-y">https://doi.org/10.1186/s13287-021-02365-y</a>	✓	✓	Q1	Stem cell research and therapy. Impact factor: 6.80	2021	Therapeutic effect of mesenchymal stem cells on histopathological, immunohistochemical and molecular analysis in second grade burn model	1	male	Professor of biochemistry	Kamal Adel Amin Hessah Al mazafer	3



<a href="https://doi.org/10.1155/2021/9990091">https://doi.org/10.1155/2021/9990091</a>	✓	✓	Q1	Oxidative Medicine and Cellular Longevity Impact factor: <b>6.543</b>	August 2021	Naringin and Hesperidin Counteract Diclofenac-Induced Hepatotoxicity in Male Wistar Rats via Their Antioxidant, Anti-Inflammatory, and Antiapoptotic Activities	\	male	Prof. Biochemistry	Kamal A Amin Hessah Al mazafer	٤
<a href="https://doi.org/10.1590/1519-6984.244675">https://doi.org/10.1590/1519-6984.244675</a>	✓		Q2	<b>Brazilian Journal of Biology</b> Impact factor: <b>1.651</b>	2021	Antioxidant and antimicrobial activities of <i>Thymus vulgaris</i> essential oil contained and synthesis thymus ( <i>Vulgaris</i> ) silver nanoparticles	\	female	Asso prof	Suhailah S Al jameel	٥
<a href="https://doi.org/10.3390/pharmaceutics13070962">https://doi.org/10.3390/pharmaceutics13070962</a>	✓		Q2	<b>Pharmaceutics</b> Impact factor: 6.3	2021	Designing of $\text{Co}_{0.5}\text{Ni}_{0.5}\text{Ga}_x\text{Fe}_{2-x}\text{O}_4$ ( $0.0 \leq x \leq 1.0$ ) Microspheres via Hydrothermal Approach and Their Selective Inhibition on the Growth of Cancerous and Fungal Cells	\	female	Asso prof	Suhailah S Al jameel	٦
<a href="https://doi.org/10.3390/biom11050703">https://doi.org/10.3390/biom11050703</a>	✓		Q2	<b>Biomolecules</b> Impact factor: 4.87	2021	Ultrasonic Synthesis and Biomedical Application of $\text{Mn}_{0.5}\text{Zn}_{0.5}\text{Er}_x\text{Y}_x\text{Fe}_{2-2x}\text{O}_4$ Nanoparticles	\	female	Asso prof	Suhailah S Al jameel	٧



<a href="https://doi.org/10.1080/21691401.2021.1938592">https://doi.org/10.1080/21691401.2021.1938592</a>	✓		Q1	Artificial Cells, Nanomedicine , and Biotechnology Impact factor: <b>5.678</b>	27 May 2021	Anti-microbial and anti-cancer activities of $Mn_{0.5}Zn_{0.5}Dy_xFe_{2-x}O_4$ ( $x \leq 0.1$ ) nanoparticles	١	female	Asso prof	Suhailah S Al jameel	٨
<a href="https://doi.org/10.1016/j.jtumed.2021.04.013">https://doi.org/10.1016/j.jtumed.2021.04.013</a>	✓		Q2	Journal of Taibah University Medical Sciences. Impact factor: <b>1.20</b>	12 June 2021	Alterations in manganese level in the biological samples of young obese Saudi women	١	female	Asso prof	Hessah M Al-Muzafar	٩

- عدد الأبحاث المنشورة للوحدة (بدون تكرار في الوحدة الواحدة) هي ٩ أبحاث من يناير ٢٠٢١ وحتى ديسمبر ٢٠٢١